Using device: cuda

Total sequences available: 241

Total sequences available: 31

Total sequences available: 66

LR input shape: torch.Size([4, 5, 3, 32, 32])

HR target shape: torch.Size([4, 5, 3, 64, 64])

Epoch 1/10: 2%|▏ | 1/61 [00:00<00:42, 1.42it/s, loss=0.924]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 1/10: 5%|▍ | 3/61 [00:00<00:14, 4.10it/s, loss=0.963]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 1/10: 8%|▊ | 5/61 [00:01<00:13, 4.29it/s, loss=0.929]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 1/10: 11%|█▏ | 7/61 [00:01<00:08, 6.07it/s, loss=0.949]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 1/10: 18%|█▊ | 11/61 [00:02<00:07, 6.87it/s, loss=0.962]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 1/10: 18%|█▊ | 11/61 [00:02<00:07, 6.87it/s, loss=0.968]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 1/10: 23%|██▎ | 14/61 [00:02<00:07, 6.19it/s, loss=0.989]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 1/10: 26%|██▌ | 16/61 [00:02<00:05, 7.97it/s, loss=0.966]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 1/10: 30%|██▉ | 18/61 [00:03<00:06, 6.14it/s, loss=0.953]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 1/10: 33%|███▎ | 20/61 [00:03<00:05, 7.69it/s, loss=0.937]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 1/10: 36%|███▌ | 22/61 [00:03<00:06, 5.93it/s, loss=0.926]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 1/10: 39%|███▉ | 24/61 [00:03<00:04, 7.42it/s, loss=0.922]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 1/10: 43%|████▎ | 26/61 [00:04<00:06, 5.62it/s, loss=0.915]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 1/10: 46%|████▌ | 28/61 [00:04<00:04, 7.07it/s, loss=0.912]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 1/10: 49%|████▉ | 30/61 [00:05<00:05, 5.91it/s, loss=0.906]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

Epoch 1/10: 52%|█████▏ | 32/61 [00:05<00:03, 7.38it/s, loss=0.896]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 1/10: 56%|█████▌ | 34/61 [00:05<00:04, 5.93it/s, loss=0.889]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 1/10: 59%|█████▉ | 36/61 [00:05<00:03, 7.27it/s, loss=0.877]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 1/10: 62%|██████▏ | 38/61 [00:06<00:03, 5.89it/s, loss=0.87]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 1/10: 66%|██████▌ | 40/61 [00:06<00:02, 7.23it/s, loss=0.859]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 1/10: 69%|██████▉ | 42/61 [00:06<00:03, 5.65it/s, loss=0.851]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 1/10: 72%|███████▏ | 44/61 [00:07<00:02, 6.92it/s, loss=0.846]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 1/10: 75%|███████▌ | 46/61 [00:07<00:02, 5.59it/s, loss=0.844]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 1/10: 79%|███████▊ | 48/61 [00:07<00:01, 6.79it/s, loss=0.839]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 1/10: 82%|████████▏ | 50/61 [00:08<00:02, 5.40it/s, loss=0.831]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 1/10: 85%|████████▌ | 52/61 [00:08<00:01, 6.67it/s, loss=0.825]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 1/10: 89%|████████▊ | 54/61 [00:08<00:01, 5.74it/s, loss=0.816]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 1/10: 92%|█████████▏| 56/61 [00:09<00:00, 6.93it/s, loss=0.814]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 1/10: 97%|█████████▋| 59/61 [00:09<00:00, 6.94it/s, loss=0.803]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 1/10: 100%|██████████| 61/61 [00:09<00:00, 6.29it/s, loss=0.804]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([1, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([3, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([3, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([3, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([3, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([3, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([3, 3, 64, 64])

Epoch 1/10 | Train Loss: 0.804052 | Val Loss: 0.410042 | Val PSNR: 16.23dB

New best model saved with PSNR: 16.23dB

Epoch 2/10: 2%|▏ | 1/61 [00:00<00:48, 1.24it/s, loss=0.738]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 2/10: 5%|▍ | 3/61 [00:01<00:15, 3.86it/s, loss=0.692]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 2/10: 11%|█▏ | 7/61 [00:01<00:08, 6.10it/s, loss=0.677]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 2/10: 11%|█▏ | 7/61 [00:01<00:08, 6.10it/s, loss=0.678]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 2/10: 18%|█▊ | 11/61 [00:02<00:07, 6.70it/s, loss=0.687]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 2/10: 18%|█▊ | 11/61 [00:02<00:07, 6.70it/s, loss=0.682]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 2/10: 25%|██▍ | 15/61 [00:02<00:06, 6.89it/s, loss=0.676]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 2/10: 25%|██▍ | 15/61 [00:02<00:06, 6.89it/s, loss=0.678]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 2/10: 31%|███ | 19/61 [00:03<00:05, 7.12it/s, loss=0.672]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 2/10: 38%|███▊ | 23/61 [00:03<00:05, 7.22it/s, loss=0.654]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 2/10: 38%|███▊ | 23/61 [00:04<00:05, 7.22it/s, loss=0.657]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 2/10: 44%|████▍ | 27/61 [00:04<00:04, 7.15it/s, loss=0.663]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 2/10: 44%|████▍ | 27/61 [00:04<00:04, 7.15it/s, loss=0.664]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 2/10: 48%|████▊ | 29/61 [00:05<00:05, 5.98it/s, loss=0.666]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 2/10: 51%|█████ | 31/61 [00:05<00:04, 7.14it/s, loss=0.67]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 2/10: 57%|█████▋ | 35/61 [00:05<00:03, 7.44it/s, loss=0.666]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 2/10: 57%|█████▋ | 35/61 [00:05<00:03, 7.44it/s, loss=0.666]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 2/10: 64%|██████▍ | 39/61 [00:06<00:03, 7.29it/s, loss=0.67]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 2/10: 64%|██████▍ | 39/61 [00:06<00:03, 7.29it/s, loss=0.671]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 2/10: 70%|███████ | 43/61 [00:07<00:02, 7.36it/s, loss=0.672]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 2/10: 77%|███████▋ | 47/61 [00:07<00:01, 7.15it/s, loss=0.666]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 2/10: 77%|███████▋ | 47/61 [00:07<00:01, 7.15it/s, loss=0.666]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 2/10: 84%|████████▎ | 51/61 [00:08<00:01, 7.13it/s, loss=0.662]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

Epoch 2/10: 84%|████████▎ | 51/61 [00:08<00:01, 7.13it/s, loss=0.661]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 2/10: 90%|█████████ | 55/61 [00:08<00:00, 7.02it/s, loss=0.656]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

Epoch 2/10: 90%|█████████ | 55/61 [00:09<00:00, 7.02it/s, loss=0.657]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 2/10: 97%|█████████▋| 59/61 [00:09<00:00, 7.25it/s, loss=0.655]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 2/10: 100%|██████████| 61/61 [00:09<00:00, 6.29it/s, loss=0.651]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([1, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([3, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([3, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([3, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([3, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([3, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([3, 3, 64, 64])

Epoch 2/10 | Train Loss: 0.651178 | Val Loss: 0.394753 | Val PSNR: 16.63dB

New best model saved with PSNR: 16.63dB

Epoch 3/10: 2%|▏ | 1/61 [00:00<00:45, 1.31it/s, loss=0.53]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 3/10: 5%|▍ | 3/61 [00:00<00:14, 3.96it/s, loss=0.6]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 3/10: 11%|█▏ | 7/61 [00:01<00:08, 6.22it/s, loss=0.636]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 3/10: 15%|█▍ | 9/61 [00:02<00:09, 5.24it/s, loss=0.641]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 3/10: 18%|█▊ | 11/61 [00:02<00:07, 6.82it/s, loss=0.659]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 3/10: 21%|██▏ | 13/61 [00:02<00:08, 5.69it/s, loss=0.671]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 3/10: 25%|██▍ | 15/61 [00:02<00:06, 6.98it/s, loss=0.666]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 3/10: 28%|██▊ | 17/61 [00:03<00:07, 5.88it/s, loss=0.66]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 3/10: 31%|███ | 19/61 [00:03<00:05, 7.13it/s, loss=0.666]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 3/10: 34%|███▍ | 21/61 [00:03<00:06, 6.05it/s, loss=0.657]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 3/10: 38%|███▊ | 23/61 [00:03<00:05, 7.22it/s, loss=0.646]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 3/10: 41%|████ | 25/61 [00:04<00:06, 5.79it/s, loss=0.645]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 3/10: 44%|████▍ | 27/61 [00:04<00:04, 7.05it/s, loss=0.645]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 3/10: 51%|█████ | 31/61 [00:05<00:04, 7.04it/s, loss=0.637]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

Epoch 3/10: 51%|█████ | 31/61 [00:05<00:04, 7.04it/s, loss=0.634]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 3/10: 57%|█████▋ | 35/61 [00:05<00:03, 6.99it/s, loss=0.634]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

Epoch 3/10: 57%|█████▋ | 35/61 [00:05<00:03, 6.99it/s, loss=0.634]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 3/10: 64%|██████▍ | 39/61 [00:06<00:03, 7.00it/s, loss=0.634]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 3/10: 64%|██████▍ | 39/61 [00:06<00:03, 7.00it/s, loss=0.634]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 3/10: 70%|███████ | 43/61 [00:07<00:02, 7.13it/s, loss=0.634]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 3/10: 70%|███████ | 43/61 [00:07<00:02, 7.13it/s, loss=0.632]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 3/10: 77%|███████▋ | 47/61 [00:07<00:01, 7.27it/s, loss=0.628]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 3/10: 77%|███████▋ | 47/61 [00:07<00:01, 7.27it/s, loss=0.626]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 3/10: 84%|████████▎ | 51/61 [00:08<00:01, 7.09it/s, loss=0.625]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 3/10: 84%|████████▎ | 51/61 [00:08<00:01, 7.09it/s, loss=0.624]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 3/10: 90%|█████████ | 55/61 [00:08<00:00, 7.04it/s, loss=0.622]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

Epoch 3/10: 90%|█████████ | 55/61 [00:09<00:00, 7.04it/s, loss=0.624]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 3/10: 97%|█████████▋| 59/61 [00:09<00:00, 7.41it/s, loss=0.623]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 3/10: 100%|██████████| 61/61 [00:09<00:00, 6.30it/s, loss=0.619]

Input shape before processing: torch.Size([1, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([3, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([3, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([3, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([3, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([3, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([3, 3, 64, 64])

Epoch 3/10 | Train Loss: 0.619250 | Val Loss: 0.384762 | Val PSNR: 17.00dB

New best model saved with PSNR: 17.00dB

Epoch 4/10: 2%|▏ | 1/61 [00:00<00:47, 1.28it/s, loss=0.641]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 4/10: 5%|▍ | 3/61 [00:01<00:15, 3.86it/s, loss=0.645]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 4/10: 8%|▊ | 5/61 [00:01<00:13, 4.10it/s, loss=0.623]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 4/10: 11%|█▏ | 7/61 [00:01<00:09, 5.85it/s, loss=0.618]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 4/10: 15%|█▍ | 9/61 [00:02<00:10, 4.84it/s, loss=0.649]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 4/10: 18%|█▊ | 11/61 [00:02<00:08, 6.23it/s, loss=0.641]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 4/10: 25%|██▍ | 15/61 [00:02<00:06, 6.68it/s, loss=0.633]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 4/10: 25%|██▍ | 15/61 [00:02<00:06, 6.68it/s, loss=0.628]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 4/10: 28%|██▊ | 17/61 [00:03<00:07, 5.54it/s, loss=0.63]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 4/10: 31%|███ | 19/61 [00:03<00:06, 6.86it/s, loss=0.616]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 4/10: 38%|███▊ | 23/61 [00:04<00:05, 7.29it/s, loss=0.615]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 4/10: 44%|████▍ | 27/61 [00:04<00:04, 7.21it/s, loss=0.607]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 4/10: 44%|████▍ | 27/61 [00:04<00:04, 7.21it/s, loss=0.606]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 4/10: 48%|████▊ | 29/61 [00:05<00:05, 5.83it/s, loss=0.602]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 4/10: 51%|█████ | 31/61 [00:05<00:04, 7.07it/s, loss=0.598]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 4/10: 57%|█████▋ | 35/61 [00:05<00:03, 7.03it/s, loss=0.601]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 4/10: 57%|█████▋ | 35/61 [00:06<00:03, 7.03it/s, loss=0.603]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 4/10: 64%|██████▍ | 39/61 [00:06<00:03, 7.16it/s, loss=0.602]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 4/10: 70%|███████ | 43/61 [00:07<00:02, 7.18it/s, loss=0.605]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 4/10: 70%|███████ | 43/61 [00:07<00:02, 7.18it/s, loss=0.607]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 4/10: 77%|███████▋ | 47/61 [00:07<00:01, 7.07it/s, loss=0.602]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 4/10: 77%|███████▋ | 47/61 [00:07<00:01, 7.07it/s, loss=0.602]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 4/10: 84%|████████▎ | 51/61 [00:08<00:01, 7.09it/s, loss=0.602]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 4/10: 84%|████████▎ | 51/61 [00:08<00:01, 7.09it/s, loss=0.602]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 4/10: 90%|█████████ | 55/61 [00:09<00:00, 7.29it/s, loss=0.603]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 4/10: 97%|█████████▋| 59/61 [00:09<00:00, 7.71it/s, loss=0.601]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 4/10: 100%|██████████| 61/61 [00:09<00:00, 6.25it/s, loss=0.605]

Input shape before processing: torch.Size([1, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([3, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([3, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([3, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([3, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([3, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([3, 3, 64, 64])

Epoch 4/10 | Train Loss: 0.604751 | Val Loss: 0.382093 | Val PSNR: 17.39dB

New best model saved with PSNR: 17.39dB

Epoch 5/10: 2%|▏ | 1/61 [00:00<00:49, 1.20it/s, loss=0.512]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 5/10: 5%|▍ | 3/61 [00:01<00:15, 3.63it/s, loss=0.541]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 5/10: 11%|█▏ | 7/61 [00:01<00:09, 5.59it/s, loss=0.588]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 5/10: 11%|█▏ | 7/61 [00:01<00:09, 5.59it/s, loss=0.574]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 5/10: 18%|█▊ | 11/61 [00:02<00:07, 6.26it/s, loss=0.588]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 5/10: 18%|█▊ | 11/61 [00:02<00:07, 6.26it/s, loss=0.576]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 5/10: 25%|██▍ | 15/61 [00:02<00:06, 6.68it/s, loss=0.59]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 5/10: 25%|██▍ | 15/61 [00:02<00:06, 6.68it/s, loss=0.594]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 5/10: 31%|███ | 19/61 [00:03<00:06, 6.82it/s, loss=0.591]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 5/10: 31%|███ | 19/61 [00:03<00:06, 6.82it/s, loss=0.588]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 5/10: 38%|███▊ | 23/61 [00:04<00:05, 6.93it/s, loss=0.587]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 5/10: 38%|███▊ | 23/61 [00:04<00:05, 6.93it/s, loss=0.592]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 5/10: 44%|████▍ | 27/61 [00:04<00:04, 6.93it/s, loss=0.585]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 5/10: 44%|████▍ | 27/61 [00:04<00:04, 6.93it/s, loss=0.587]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 5/10: 51%|█████ | 31/61 [00:05<00:04, 6.99it/s, loss=0.586]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 5/10: 51%|█████ | 31/61 [00:05<00:04, 6.99it/s, loss=0.586]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 5/10: 57%|█████▋ | 35/61 [00:06<00:03, 7.30it/s, loss=0.585]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 5/10: 57%|█████▋ | 35/61 [00:06<00:03, 7.30it/s, loss=0.585]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 5/10: 64%|██████▍ | 39/61 [00:06<00:02, 7.39it/s, loss=0.58]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 5/10: 64%|██████▍ | 39/61 [00:06<00:02, 7.39it/s, loss=0.583]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 5/10: 70%|███████ | 43/61 [00:07<00:02, 7.43it/s, loss=0.581]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 5/10: 70%|███████ | 43/61 [00:07<00:02, 7.43it/s, loss=0.581]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 5/10: 77%|███████▋ | 47/61 [00:07<00:01, 7.30it/s, loss=0.582]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 5/10: 77%|███████▋ | 47/61 [00:07<00:01, 7.30it/s, loss=0.58]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 5/10: 84%|████████▎ | 51/61 [00:08<00:01, 7.23it/s, loss=0.58]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

Epoch 5/10: 84%|████████▎ | 51/61 [00:08<00:01, 7.23it/s, loss=0.583]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 5/10: 90%|█████████ | 55/61 [00:09<00:00, 7.22it/s, loss=0.58]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 5/10: 90%|█████████ | 55/61 [00:09<00:00, 7.22it/s, loss=0.578]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 5/10: 97%|█████████▋| 59/61 [00:09<00:00, 7.38it/s, loss=0.577]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 5/10: 100%|██████████| 61/61 [00:09<00:00, 6.17it/s, loss=0.579]

Input shape before processing: torch.Size([1, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([3, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([3, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([3, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([3, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([3, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([3, 3, 64, 64])

Epoch 5/10 | Train Loss: 0.578784 | Val Loss: 0.385842 | Val PSNR: 17.56dB

New best model saved with PSNR: 17.56dB

Epoch 6/10: 2%|▏ | 1/61 [00:00<00:48, 1.23it/s, loss=0.613]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 6/10: 5%|▍ | 3/61 [00:01<00:15, 3.82it/s, loss=0.666]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 6/10: 11%|█▏ | 7/61 [00:01<00:09, 5.65it/s, loss=0.619]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 6/10: 11%|█▏ | 7/61 [00:01<00:09, 5.65it/s, loss=0.622]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 6/10: 15%|█▍ | 9/61 [00:02<00:10, 4.74it/s, loss=0.601]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 6/10: 18%|█▊ | 11/61 [00:02<00:08, 6.24it/s, loss=0.597]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 6/10: 25%|██▍ | 15/61 [00:02<00:07, 6.34it/s, loss=0.585]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 6/10: 25%|██▍ | 15/61 [00:03<00:07, 6.34it/s, loss=0.58]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 6/10: 31%|███ | 19/61 [00:03<00:06, 6.61it/s, loss=0.573]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 6/10: 31%|███ | 19/61 [00:03<00:06, 6.61it/s, loss=0.57]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 6/10: 38%|███▊ | 23/61 [00:04<00:05, 6.90it/s, loss=0.558]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 6/10: 38%|███▊ | 23/61 [00:04<00:05, 6.90it/s, loss=0.553]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 6/10: 44%|████▍ | 27/61 [00:04<00:04, 7.04it/s, loss=0.561]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 6/10: 44%|████▍ | 27/61 [00:04<00:04, 7.04it/s, loss=0.561]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 6/10: 51%|█████ | 31/61 [00:05<00:04, 7.13it/s, loss=0.561]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 6/10: 51%|█████ | 31/61 [00:05<00:04, 7.13it/s, loss=0.56]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 6/10: 57%|█████▋ | 35/61 [00:06<00:03, 7.20it/s, loss=0.56]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 6/10: 64%|██████▍ | 39/61 [00:06<00:02, 7.43it/s, loss=0.554]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 6/10: 64%|██████▍ | 39/61 [00:06<00:02, 7.43it/s, loss=0.555]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 6/10: 70%|███████ | 43/61 [00:07<00:02, 7.48it/s, loss=0.556]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 6/10: 77%|███████▋ | 47/61 [00:07<00:01, 7.39it/s, loss=0.555]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

Epoch 6/10: 77%|███████▋ | 47/61 [00:07<00:01, 7.39it/s, loss=0.555]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 6/10: 84%|████████▎ | 51/61 [00:08<00:01, 7.13it/s, loss=0.553]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 6/10: 84%|████████▎ | 51/61 [00:08<00:01, 7.13it/s, loss=0.554]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 6/10: 90%|█████████ | 55/61 [00:09<00:00, 6.99it/s, loss=0.553]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 6/10: 90%|█████████ | 55/61 [00:09<00:00, 6.99it/s, loss=0.555]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 6/10: 97%|█████████▋| 59/61 [00:09<00:00, 7.51it/s, loss=0.556]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 6/10: 100%|██████████| 61/61 [00:09<00:00, 6.18it/s, loss=0.557]

Input shape before processing: torch.Size([1, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([3, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([3, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([3, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([3, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([3, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([3, 3, 64, 64])

Epoch 6/10 | Train Loss: 0.556704 | Val Loss: 0.384271 | Val PSNR: 17.58dB

New best model saved with PSNR: 17.58dB

Epoch 7/10: 2%|▏ | 1/61 [00:00<00:43, 1.39it/s, loss=0.461]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 7/10: 5%|▍ | 3/61 [00:00<00:13, 4.24it/s, loss=0.45]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 7/10: 11%|█▏ | 7/61 [00:01<00:08, 6.22it/s, loss=0.493]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 7/10: 11%|█▏ | 7/61 [00:01<00:08, 6.22it/s, loss=0.486]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 7/10: 18%|█▊ | 11/61 [00:02<00:07, 6.38it/s, loss=0.509]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 7/10: 18%|█▊ | 11/61 [00:02<00:07, 6.38it/s, loss=0.504]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 7/10: 21%|██▏ | 13/61 [00:02<00:09, 5.16it/s, loss=0.501]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 7/10: 25%|██▍ | 15/61 [00:02<00:06, 6.59it/s, loss=0.509]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 7/10: 31%|███ | 19/61 [00:03<00:06, 6.67it/s, loss=0.51]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

Epoch 7/10: 31%|███ | 19/61 [00:03<00:06, 6.67it/s, loss=0.508]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 7/10: 34%|███▍ | 21/61 [00:04<00:07, 5.29it/s, loss=0.517]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 7/10: 38%|███▊ | 23/61 [00:04<00:05, 6.47it/s, loss=0.518]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 7/10: 44%|████▍ | 27/61 [00:04<00:05, 6.61it/s, loss=0.52]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

Epoch 7/10: 44%|████▍ | 27/61 [00:04<00:05, 6.61it/s, loss=0.517]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 7/10: 51%|█████ | 31/61 [00:05<00:04, 7.18it/s, loss=0.522]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 7/10: 57%|█████▋ | 35/61 [00:06<00:03, 7.24it/s, loss=0.525]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 7/10: 57%|█████▋ | 35/61 [00:06<00:03, 7.24it/s, loss=0.522]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 7/10: 64%|██████▍ | 39/61 [00:06<00:03, 7.32it/s, loss=0.526]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 7/10: 70%|███████ | 43/61 [00:07<00:02, 7.36it/s, loss=0.527]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 7/10: 70%|███████ | 43/61 [00:07<00:02, 7.36it/s, loss=0.528]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 7/10: 77%|███████▋ | 47/61 [00:07<00:01, 7.20it/s, loss=0.53]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 7/10: 77%|███████▋ | 47/61 [00:07<00:01, 7.20it/s, loss=0.53]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 7/10: 84%|████████▎ | 51/61 [00:08<00:01, 7.13it/s, loss=0.528]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

Epoch 7/10: 84%|████████▎ | 51/61 [00:08<00:01, 7.13it/s, loss=0.528]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 7/10: 90%|█████████ | 55/61 [00:09<00:00, 7.17it/s, loss=0.531]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 7/10: 90%|█████████ | 55/61 [00:09<00:00, 7.17it/s, loss=0.528]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 7/10: 97%|█████████▋| 59/61 [00:09<00:00, 7.47it/s, loss=0.528]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 7/10: 100%|██████████| 61/61 [00:09<00:00, 6.22it/s, loss=0.53]

Input shape before processing: torch.Size([1, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([3, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([3, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([3, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([3, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([3, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([3, 3, 64, 64])

Epoch 7/10 | Train Loss: 0.529912 | Val Loss: 0.382093 | Val PSNR: 17.73dB

New best model saved with PSNR: 17.73dB

Epoch 8/10: 2%|▏ | 1/61 [00:00<00:44, 1.36it/s, loss=0.415]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 8/10: 5%|▍ | 3/61 [00:00<00:14, 4.08it/s, loss=0.491]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 8/10: 11%|█▏ | 7/61 [00:01<00:08, 6.07it/s, loss=0.451]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 8/10: 11%|█▏ | 7/61 [00:01<00:08, 6.07it/s, loss=0.477]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 8/10: 18%|█▊ | 11/61 [00:02<00:07, 6.78it/s, loss=0.47]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 8/10: 18%|█▊ | 11/61 [00:02<00:07, 6.78it/s, loss=0.485]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 8/10: 25%|██▍ | 15/61 [00:02<00:06, 7.14it/s, loss=0.483]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 8/10: 25%|██▍ | 15/61 [00:02<00:06, 7.14it/s, loss=0.484]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 8/10: 31%|███ | 19/61 [00:03<00:05, 7.16it/s, loss=0.483]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

Epoch 8/10: 31%|███ | 19/61 [00:03<00:05, 7.16it/s, loss=0.492]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 8/10: 34%|███▍ | 21/61 [00:03<00:06, 5.81it/s, loss=0.486]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 8/10: 38%|███▊ | 23/61 [00:04<00:05, 7.03it/s, loss=0.492]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 8/10: 41%|████ | 25/61 [00:04<00:06, 5.63it/s, loss=0.501]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 8/10: 44%|████▍ | 27/61 [00:04<00:05, 6.77it/s, loss=0.508]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 8/10: 49%|████▉ | 30/61 [00:05<00:05, 6.10it/s, loss=0.509]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 8/10: 51%|█████ | 31/61 [00:05<00:04, 6.58it/s, loss=0.504]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 8/10: 54%|█████▍ | 33/61 [00:05<00:05, 5.51it/s, loss=0.499]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 8/10: 57%|█████▋ | 35/61 [00:06<00:04, 6.11it/s, loss=0.499]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 8/10: 62%|██████▏ | 38/61 [00:06<00:03, 6.24it/s, loss=0.506]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 8/10: 64%|██████▍ | 39/61 [00:06<00:03, 6.61it/s, loss=0.509]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 8/10: 67%|██████▋ | 41/61 [00:06<00:03, 6.22it/s, loss=0.51]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 8/10: 70%|███████ | 43/61 [00:07<00:02, 6.71it/s, loss=0.508]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 8/10: 74%|███████▍ | 45/61 [00:07<00:02, 6.37it/s, loss=0.507]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 8/10: 77%|███████▋ | 47/61 [00:07<00:02, 6.71it/s, loss=0.506]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 8/10: 80%|████████ | 49/61 [00:08<00:01, 6.04it/s, loss=0.507]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 8/10: 85%|████████▌ | 52/61 [00:08<00:01, 7.61it/s, loss=0.511]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 8/10: 87%|████████▋ | 53/61 [00:08<00:01, 6.06it/s, loss=0.509]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 8/10: 92%|█████████▏| 56/61 [00:09<00:00, 7.41it/s, loss=0.51]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 8/10: 93%|█████████▎| 57/61 [00:09<00:00, 6.24it/s, loss=0.51]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 8/10: 98%|█████████▊| 60/61 [00:09<00:00, 8.09it/s, loss=0.507]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([1, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

Epoch 8/10: 100%|██████████| 61/61 [00:09<00:00, 6.17it/s, loss=0.51]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([3, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([3, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([3, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([3, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([3, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([3, 3, 64, 64])

Epoch 8/10 | Train Loss: 0.510277 | Val Loss: 0.393297 | Val PSNR: 17.42dB

Epoch 9/10: 2%|▏ | 1/61 [00:00<00:45, 1.32it/s, loss=0.46]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 9/10: 5%|▍ | 3/61 [00:00<00:14, 3.96it/s, loss=0.497]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 9/10: 11%|█▏ | 7/61 [00:01<00:08, 6.09it/s, loss=0.497]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

Epoch 9/10: 11%|█▏ | 7/61 [00:01<00:08, 6.09it/s, loss=0.51]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 9/10: 18%|█▊ | 11/61 [00:02<00:07, 6.60it/s, loss=0.511]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 9/10: 18%|█▊ | 11/61 [00:02<00:07, 6.60it/s, loss=0.516]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 9/10: 25%|██▍ | 15/61 [00:02<00:06, 6.99it/s, loss=0.526]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 9/10: 31%|███ | 19/61 [00:03<00:06, 6.93it/s, loss=0.497]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 9/10: 31%|███ | 19/61 [00:03<00:06, 6.93it/s, loss=0.496]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 9/10: 38%|███▊ | 23/61 [00:03<00:05, 7.18it/s, loss=0.489]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 9/10: 38%|███▊ | 23/61 [00:04<00:05, 7.18it/s, loss=0.488]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 9/10: 44%|████▍ | 27/61 [00:04<00:04, 7.00it/s, loss=0.486]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

Epoch 9/10: 44%|████▍ | 27/61 [00:04<00:04, 7.00it/s, loss=0.487]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 9/10: 51%|█████ | 31/61 [00:05<00:04, 6.72it/s, loss=0.485]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 9/10: 51%|█████ | 31/61 [00:05<00:04, 6.72it/s, loss=0.484]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 9/10: 57%|█████▋ | 35/61 [00:06<00:03, 6.67it/s, loss=0.483]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 9/10: 57%|█████▋ | 35/61 [00:06<00:03, 6.67it/s, loss=0.479]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 9/10: 64%|██████▍ | 39/61 [00:06<00:03, 6.68it/s, loss=0.479]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 9/10: 64%|██████▍ | 39/61 [00:06<00:03, 6.68it/s, loss=0.484]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 9/10: 67%|██████▋ | 41/61 [00:07<00:03, 5.27it/s, loss=0.483]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 9/10: 70%|███████ | 43/61 [00:07<00:02, 6.54it/s, loss=0.484]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 9/10: 77%|███████▋ | 47/61 [00:07<00:02, 6.84it/s, loss=0.481]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 9/10: 77%|███████▋ | 47/61 [00:08<00:02, 6.84it/s, loss=0.481]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 9/10: 84%|████████▎ | 51/61 [00:08<00:01, 7.06it/s, loss=0.478]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 9/10: 84%|████████▎ | 51/61 [00:08<00:01, 7.06it/s, loss=0.478]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 9/10: 90%|█████████ | 55/61 [00:09<00:00, 7.08it/s, loss=0.482]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 9/10: 90%|█████████ | 55/61 [00:09<00:00, 7.08it/s, loss=0.483]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 9/10: 97%|█████████▋| 59/61 [00:09<00:00, 7.61it/s, loss=0.486]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 9/10: 100%|██████████| 61/61 [00:09<00:00, 6.15it/s, loss=0.487]

Input shape before processing: torch.Size([1, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([3, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([3, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([3, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([3, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([3, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([3, 3, 64, 64])

Epoch 9/10 | Train Loss: 0.487240 | Val Loss: 0.380971 | Val PSNR: 17.80dB

New best model saved with PSNR: 17.80dB

Epoch 10/10: 2%|▏ | 1/61 [00:00<00:45, 1.33it/s, loss=0.416]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 10/10: 5%|▍ | 3/61 [00:00<00:14, 4.07it/s, loss=0.46]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 10/10: 11%|█▏ | 7/61 [00:01<00:08, 6.26it/s, loss=0.437]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 10/10: 11%|█▏ | 7/61 [00:01<00:08, 6.26it/s, loss=0.439]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 10/10: 18%|█▊ | 11/61 [00:02<00:07, 6.94it/s, loss=0.464]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 10/10: 18%|█▊ | 11/61 [00:02<00:07, 6.94it/s, loss=0.466]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 10/10: 21%|██▏ | 13/61 [00:02<00:08, 5.75it/s, loss=0.47]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 10/10: 25%|██▍ | 15/61 [00:02<00:06, 7.02it/s, loss=0.469]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 10/10: 30%|██▉ | 18/61 [00:03<00:06, 6.32it/s, loss=0.473]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 10/10: 33%|███▎ | 20/61 [00:03<00:05, 7.96it/s, loss=0.48]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 10/10: 36%|███▌ | 22/61 [00:03<00:06, 6.07it/s, loss=0.483]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

Epoch 10/10: 39%|███▉ | 24/61 [00:03<00:04, 7.51it/s, loss=0.487]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 10/10: 43%|████▎ | 26/61 [00:04<00:05, 6.24it/s, loss=0.476]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 10/10: 46%|████▌ | 28/61 [00:04<00:04, 7.58it/s, loss=0.472]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 10/10: 49%|████▉ | 30/61 [00:05<00:05, 5.77it/s, loss=0.474]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 10/10: 52%|█████▏ | 32/61 [00:05<00:04, 6.98it/s, loss=0.471]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 10/10: 57%|█████▋ | 35/61 [00:05<00:03, 6.76it/s, loss=0.471]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 10/10: 57%|█████▋ | 35/61 [00:05<00:03, 6.76it/s, loss=0.472]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 10/10: 64%|██████▍ | 39/61 [00:06<00:03, 6.78it/s, loss=0.478]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 10/10: 64%|██████▍ | 39/61 [00:06<00:03, 6.78it/s, loss=0.479]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 10/10: 67%|██████▋ | 41/61 [00:07<00:03, 5.50it/s, loss=0.474]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 10/10: 70%|███████ | 43/61 [00:07<00:02, 6.73it/s, loss=0.471]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 10/10: 77%|███████▋ | 47/61 [00:07<00:02, 6.76it/s, loss=0.47]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 10/10: 77%|███████▋ | 47/61 [00:07<00:02, 6.76it/s, loss=0.473]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 10/10: 80%|████████ | 49/61 [00:08<00:02, 5.22it/s, loss=0.47]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 10/10: 84%|████████▎ | 51/61 [00:08<00:01, 6.47it/s, loss=0.468]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 10/10: 90%|█████████ | 55/61 [00:09<00:00, 6.61it/s, loss=0.468]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 10/10: 90%|█████████ | 55/61 [00:09<00:00, 6.61it/s, loss=0.465]

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 10/10: 97%|█████████▋| 59/61 [00:09<00:00, 6.98it/s, loss=0.462]

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Epoch 10/10: 100%|██████████| 61/61 [00:09<00:00, 6.18it/s, loss=0.465]

Input shape before processing: torch.Size([1, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([4, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([4, 3, 64, 64])

Input shape before processing: torch.Size([3, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([3, 3, 64, 64])

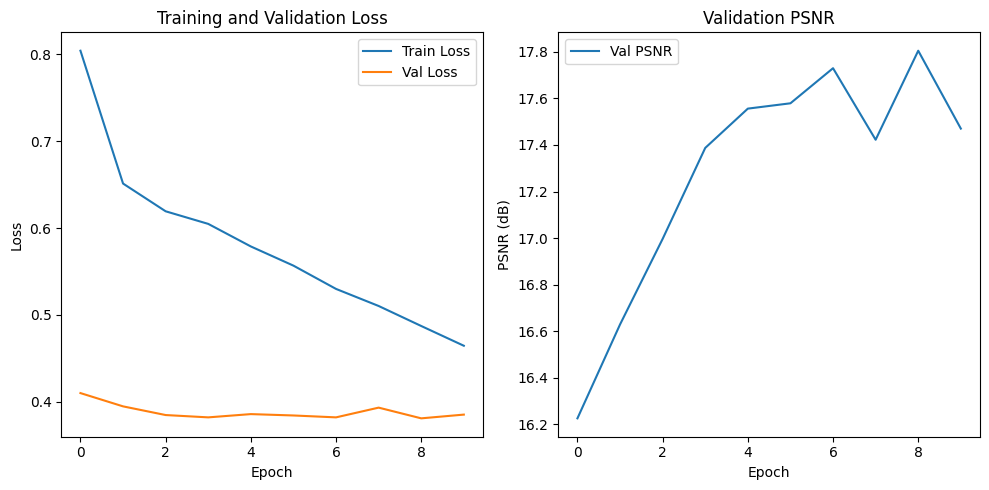
SR frame shape after reconstruction: torch.Size([3, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([3, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([3, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([3, 3, 64, 64])

Epoch 10/10 | Train Loss: 0.464508 | Val Loss: 0.385271 | Val PSNR: 17.47dB



Loading best model for testing...

Input shape before processing: torch.Size([1, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

Input shape before processing: torch.Size([1, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

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SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

Input shape before processing: torch.Size([1, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

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SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

Input shape before processing: torch.Size([1, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

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SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

Input shape before processing: torch.Size([1, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

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SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

Input shape before processing: torch.Size([1, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

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Input shape before processing: torch.Size([1, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

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Input shape before processing: torch.Size([1, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

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Input shape before processing: torch.Size([1, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

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SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

Input shape before processing: torch.Size([1, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

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Input shape before processing: torch.Size([1, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

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Input shape before processing: torch.Size([1, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

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Input shape before processing: torch.Size([1, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

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SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

Input shape before processing: torch.Size([1, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

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Test Results - Average PSNR: 13.54dB, Average SSIM: 0.2231

Input shape before processing: torch.Size([1, 5, 3, 32, 32])

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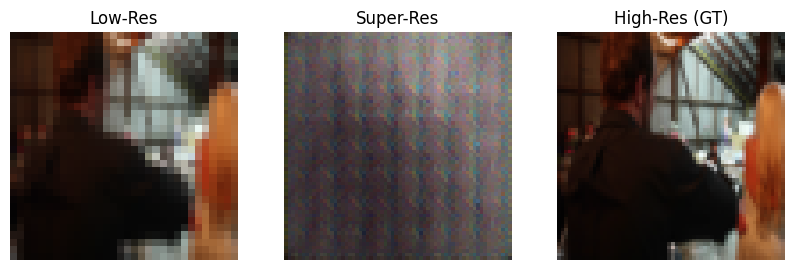
SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

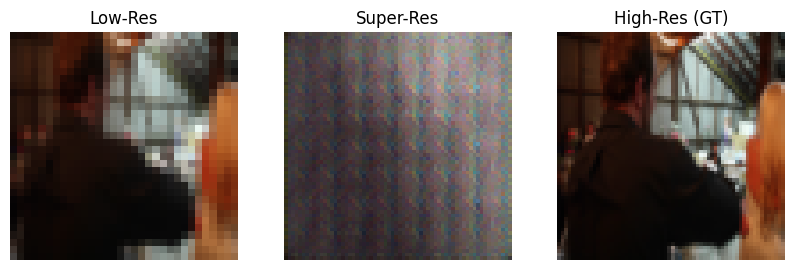
SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

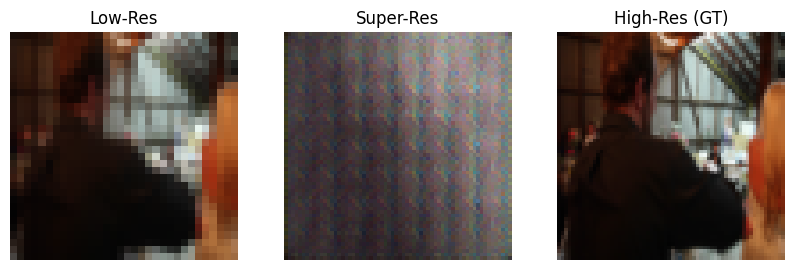
SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

<Figure size 640x480 with 0 Axes>

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])







Input shape before processing: torch.Size([1, 5, 3, 32, 32])

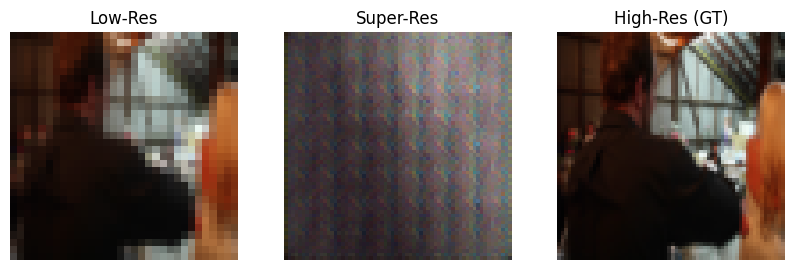
SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

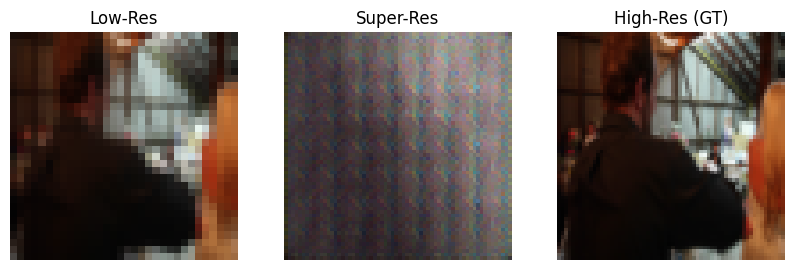
SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

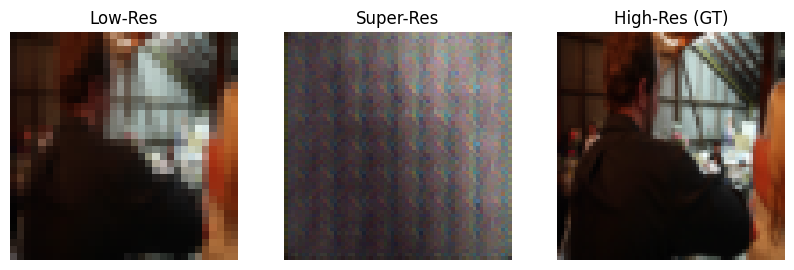
SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])







Input shape before processing: torch.Size([1, 5, 3, 32, 32])

SR frame shape after reconstruction: torch.Size([1, 3, 64, 64])

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