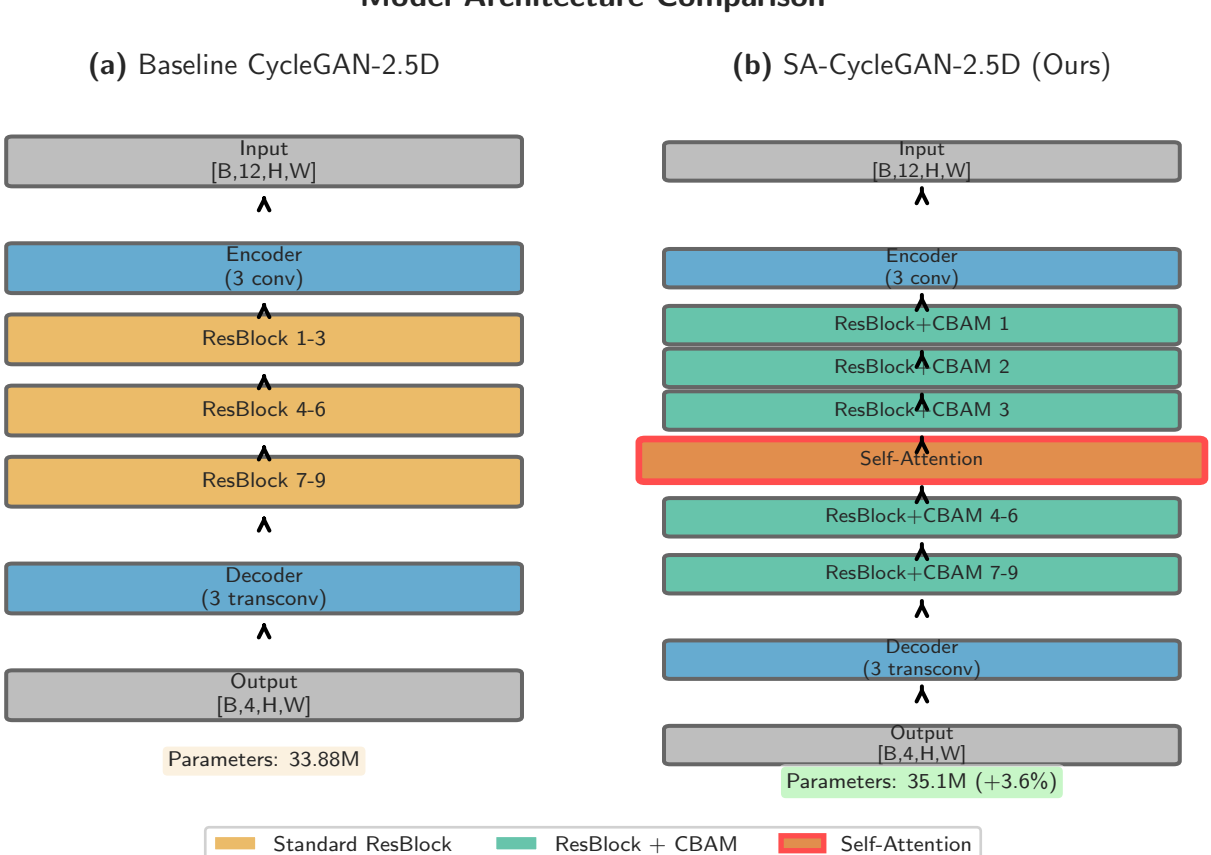
Model Architecture Comparison
(a) Baseline CycleGAN-2.5D
Input
[B,12,H,W]
Encoder
(3 conv)
ResBlock 1-3
ResBlock 4-6
ResBlock 7-9
Decoder
(3 transconv)
Output
[B,4,H,W]
Parameters: 33.88M
(b) SA-CycleGAN-2.5D (Ours)
Input
[B,12,H,W]
Encoder
(3 conv)
ResBlock+CBAM 1
ResBlock+CBAM 2
ResBlock+CBAM 3
Self-Attention
ResBlock+CBAM 4-6
ResBlock+CBAM 7-9
Decoder
(3 transconv)
Output
[B,4,H,W]
Parameters: 35.1M (+3.6%)
Standard ResBlock
ResBlock + CBAM
Self-Attention