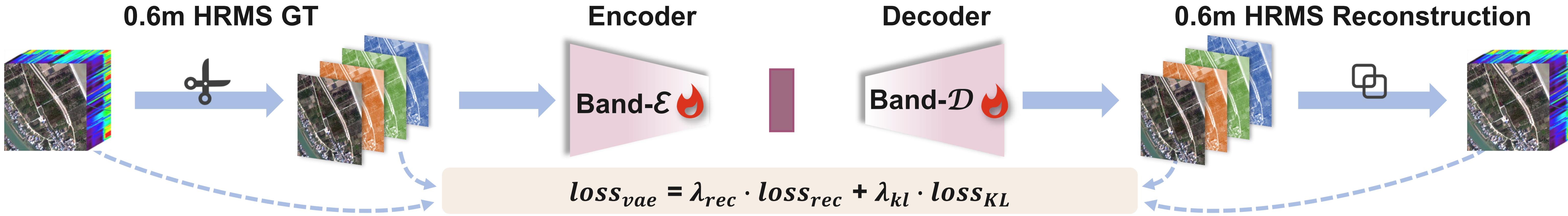
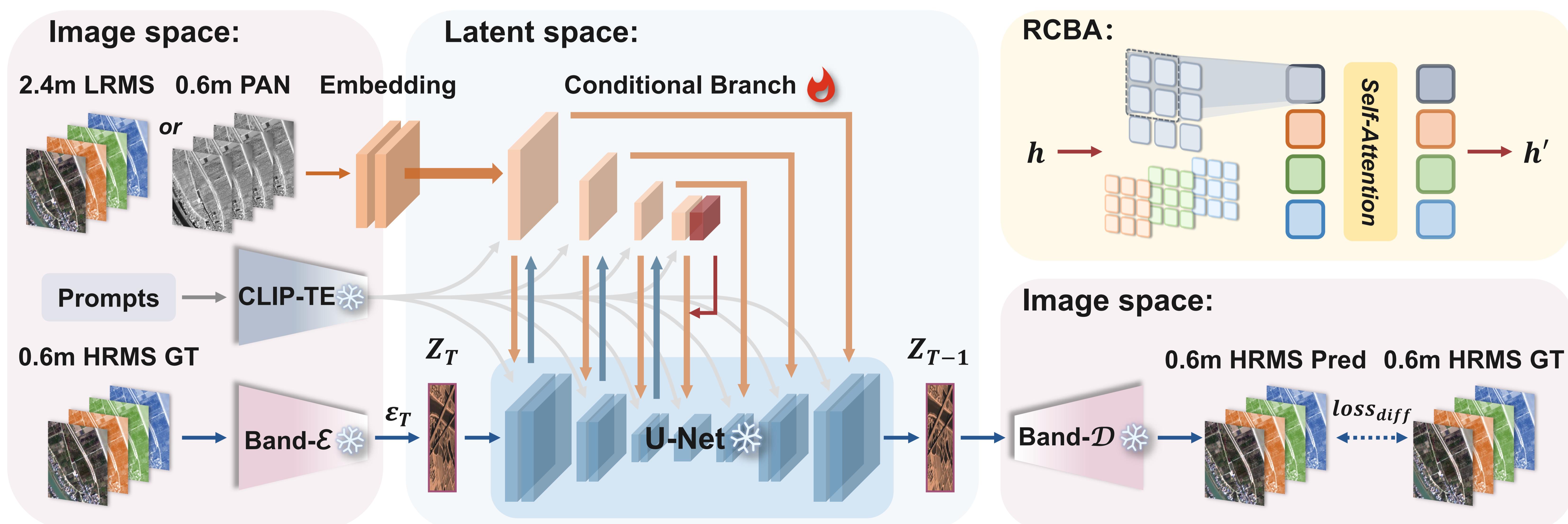


Stage I. Single-Channel VAE Pretraining for Compact Latent Space



Stage II. Latent Conditional Diffusion with Disentangled Spatial-Spectral Conditioning



Trainable
Frozen

Decomposition
Recombination

RCBA
Prompts

Band-VAE

CLIP Text Encoder

Features