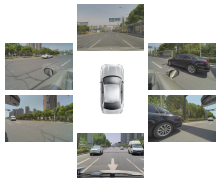
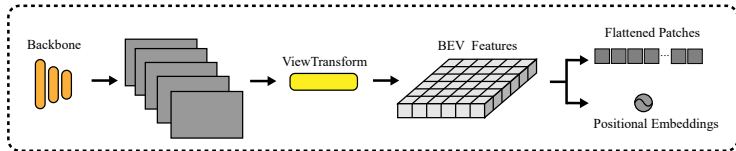


Surrounding Images



Visual BEV Encoder



Pred Pose

$$[\Delta \hat{x} \quad \Delta \hat{y} \quad \Delta \hat{\psi}]$$



Traget Pose

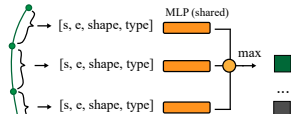
$$[\Delta x \quad \Delta y \quad \Delta \psi]$$



Pose Loss



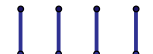
Boundaries & Dividers



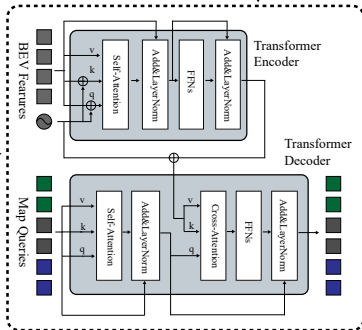
Markings



Poles

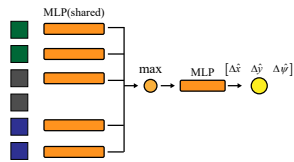


Semantic Map Encoder



Cross-model Transformer

Pose Decoder



Semantic Map Elements

