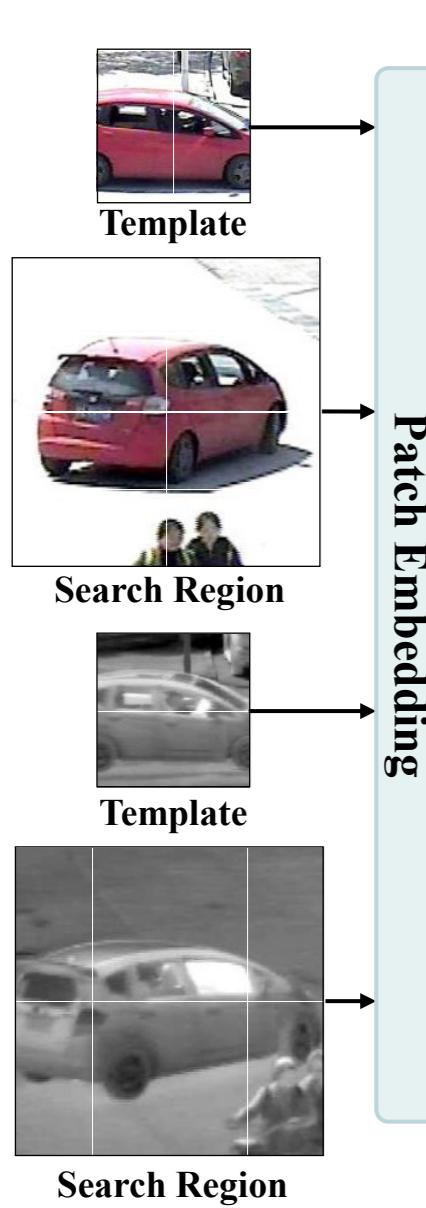


RGB Branch



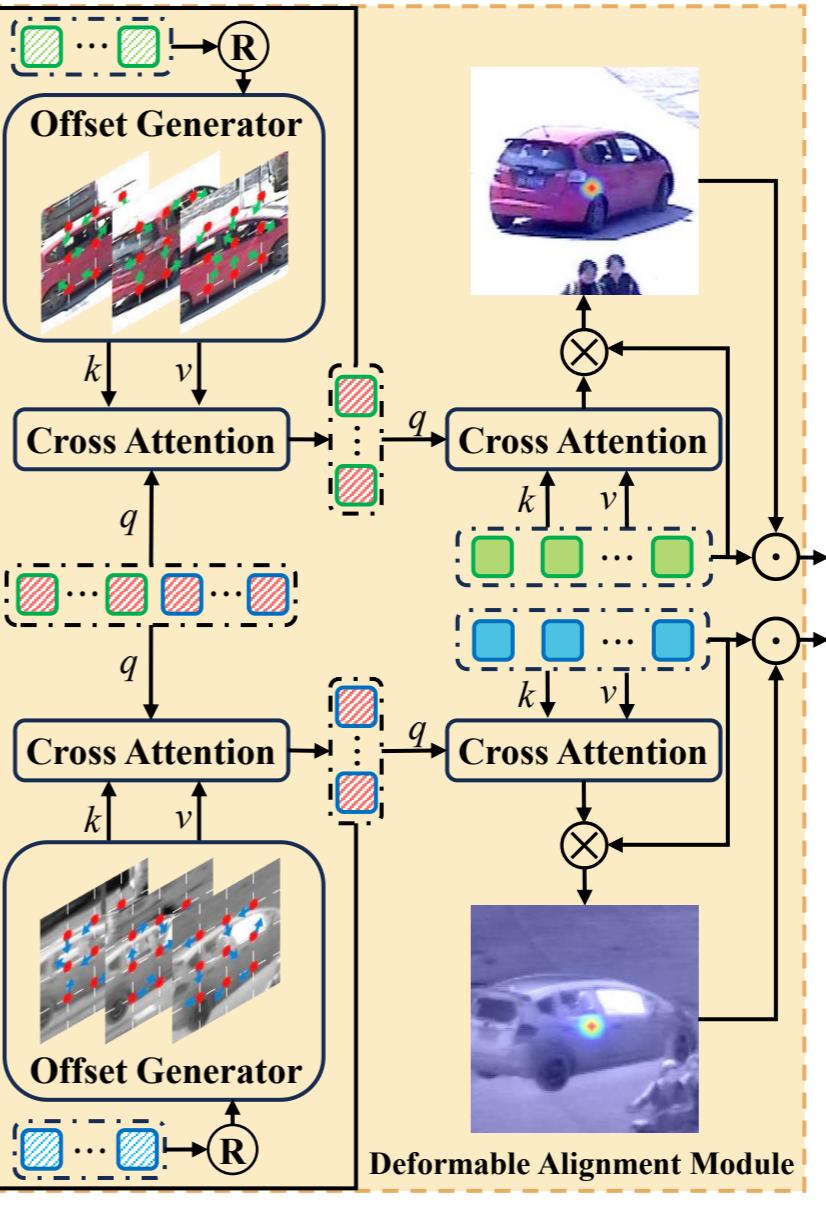
Transformer

- RGB Template Token
- TIR Template Token
- RGB Search Token
- TIR Search Token
- RGB Spatiotemporal Cue
- TIR Spatiotemporal Cue



- (R) Reshape
- (C) Concatenation
- (⊗) Positional Embedding
- (⊗⊗) Matrix Multiplication
- (•) Element-wise Multiplication

Contextual Aggregation Module



- (R) Reshape
- (C) Concatenation
- (⊗) Positional Embedding
- (⊗⊗) Matrix Multiplication
- (•) Element-wise Multiplication