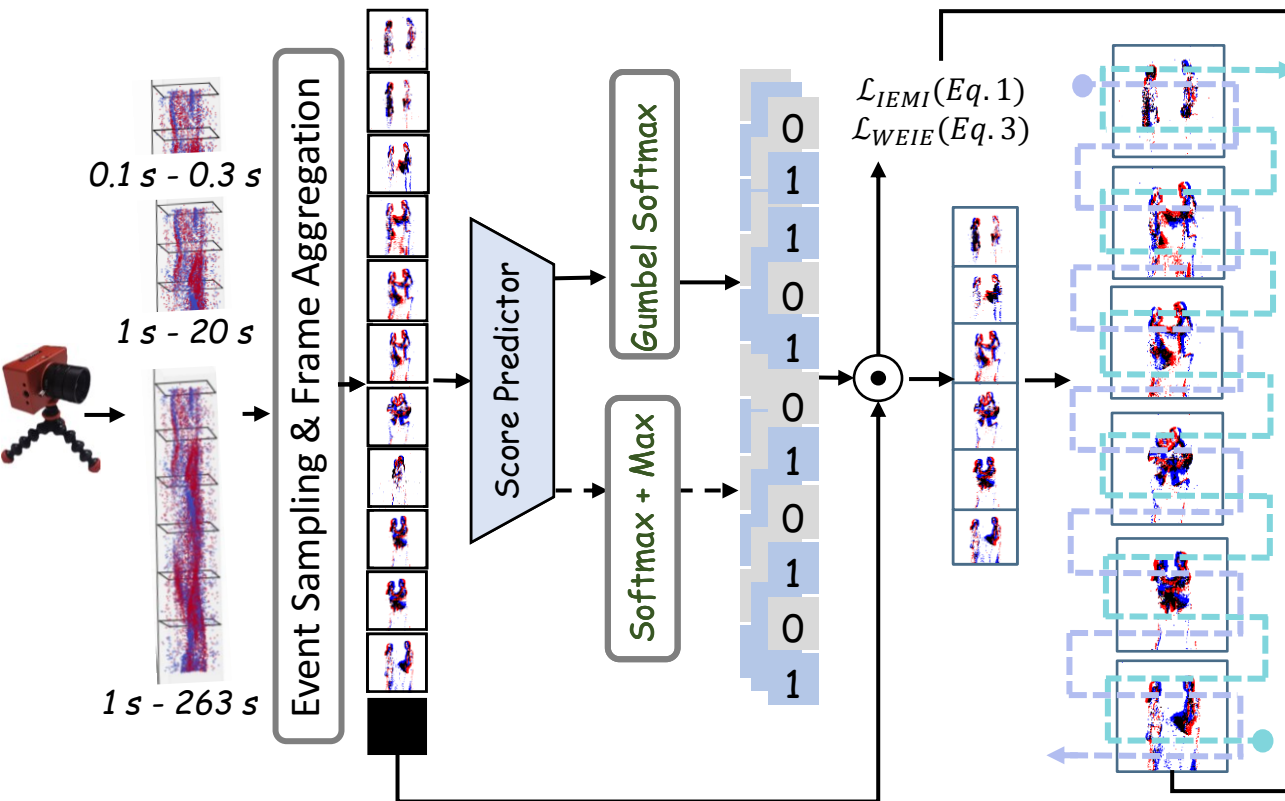
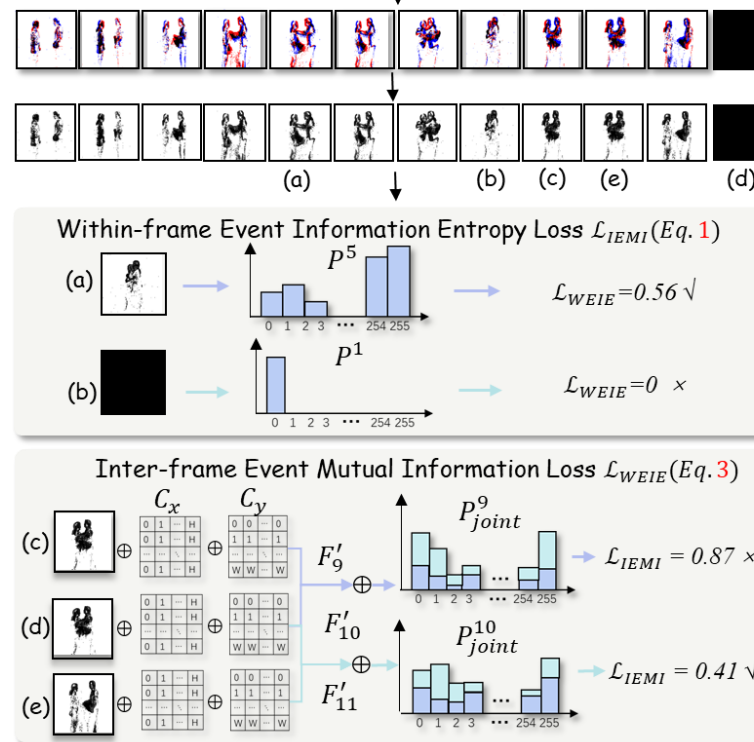


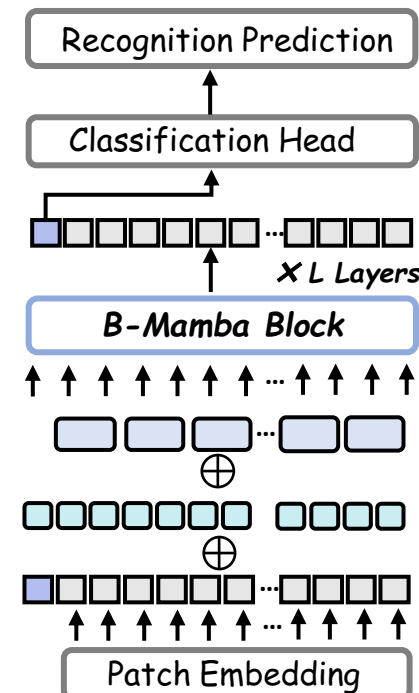
Path-selective Event Aggregation and Scan Module



Multi-faceted Selection Guiding Loss



Event Spatiotemporal Modeling Module

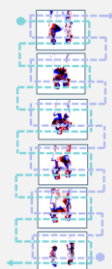


→ During Training

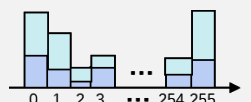
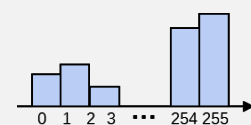
→ During Evaluation

⊙ Einsum Matrix Production

⊕ Value Addition



Bidirectional Event Scan



Event Count Histogram

Joint Event Count Histogram

0	1	...	H
0	1	...	H
...
0	1	...	H

X-axis Position Embedding

0	0	...	0
1	1	...	1
...
W	W	...	W

Y-axis Position Embedding

CLS Tokens

Feature Tokens

Spatial Embeddings

Temporal Embeddings