

Supplementary Material

CAMs: Convolution and Attention-Free Mamba-based Cardiac Image Segmentation

Block expansion factor (E)	SSM state expansion factor (D)	No. trainable parameters
1	1	4,512
1	2	4,608
2	1	8,896
2	2	9,088

Table 1. Effect of block expansion factor (E) and SSM state expansion factor (D) on parameters of the Non-Convolutional Mamba Block.

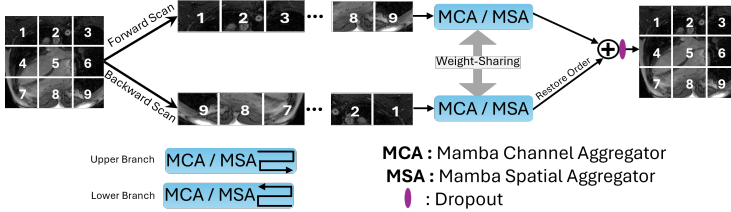


Figure 1. The proposed bidirectional scanning scheme augmented with weight-sharing strategy. For each pass, the features are processed by either MCA or MSA, followed by merging the scans using element-wise addition and dropout.