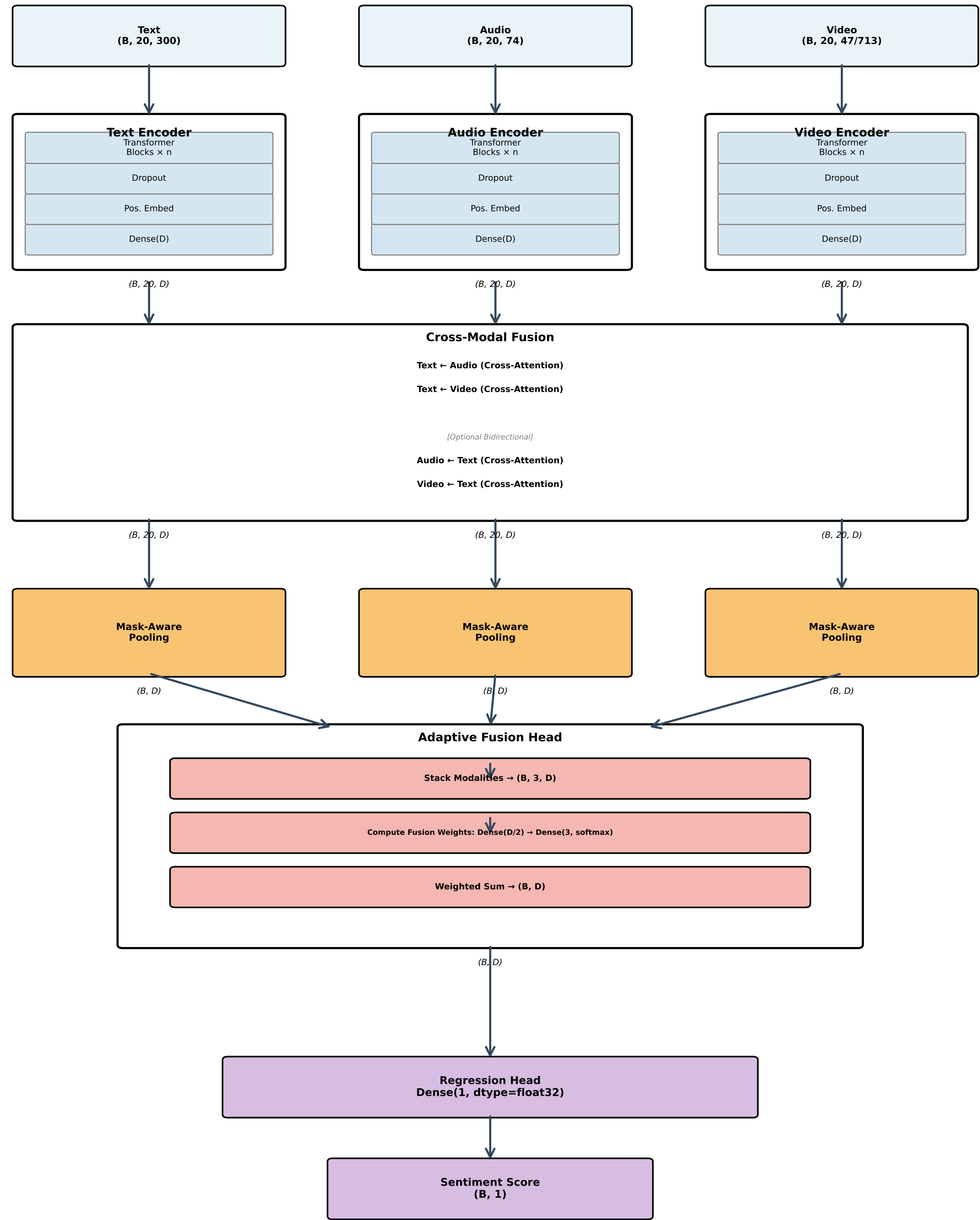


MSA Sequence-Level Model Architecture



Legend:
B = Batch size
D = model_dim
20 = Sequence length

- Key Features:**
- No early pooling (full sequences)
 - Text as anchor modality
 - Mask-aware processing
 - Learnable modality weights