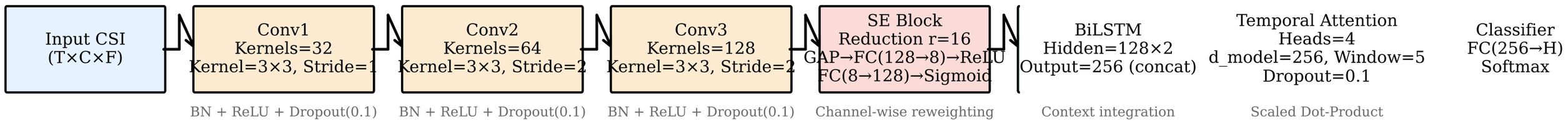
Enhanced Model Architecture (2D): Parameters per Module



Training: AdamW, lr=3e-4, batch=64; Label efficiency experiments (20% labels).
Metrics: LOSO/LORO Macro-F1, ECE calibration; Stability Index; Deployment Readiness.