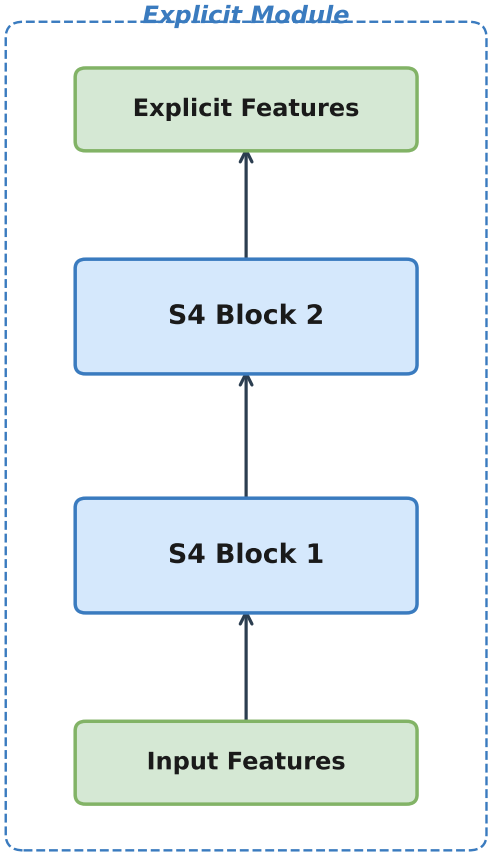
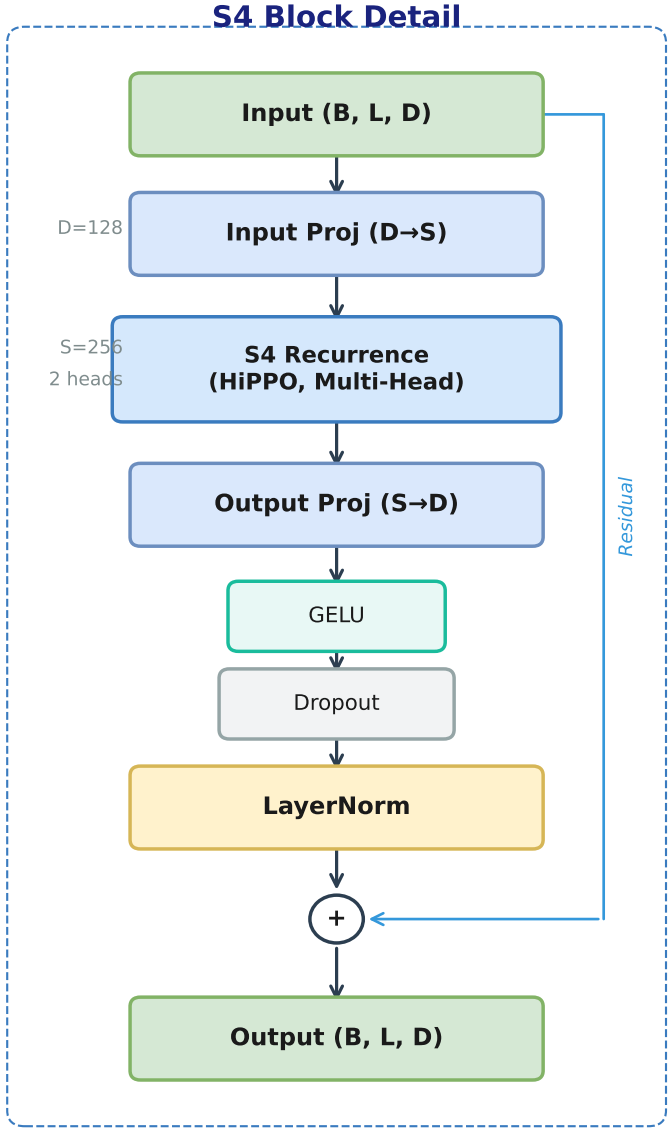
(c) Explicit Module: Structured State Space (S4) Layer





$$\mathbf{s}_{t+1} = \bar{A}\mathbf{s}_t + \bar{B}\mathbf{x}_t, \quad \mathbf{y}_t = C\mathbf{s}_t + D\mathbf{x}_t$$