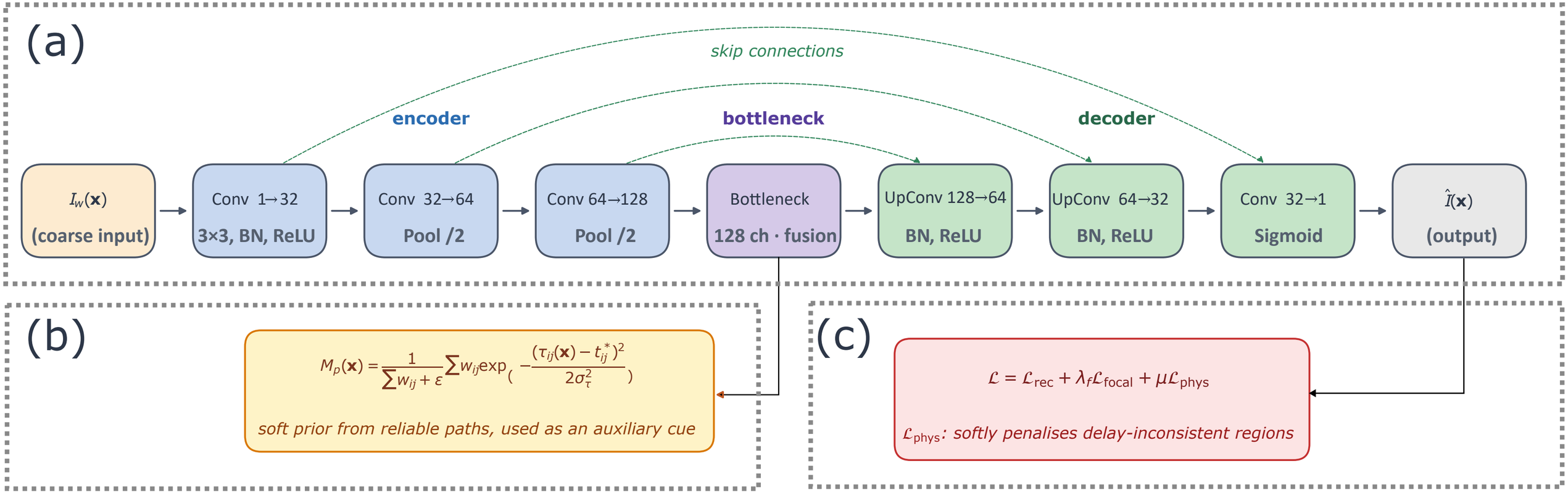
(a)
skip connections
encoder
bottleneck
decoder
$I_w(\mathbf{x})$
(coarse input)
Conv 1→32
3×3, BN, ReLU
Conv 32→64
Pool /2
Conv 64→128
Pool /2
Bottleneck
128 ch · fusion
UpConv 128→64
BN, ReLU
UpConv 64→32
BN, ReLU
Conv 32→1
Sigmoid
$\hat{I}(\mathbf{x})$
(output)
(b)
$M_p(\mathbf{x}) = \frac{1}{\sum w_{ij} + \varepsilon} \sum w_{ij} \exp\left(-\frac{(\tau_{ij}(\mathbf{x}) - t_{ij}^*)^2}{2\sigma_\tau^2}\right)$
soft prior from reliable paths, used as an auxiliary cue
(c)
$\mathcal{L} = \mathcal{L}_{\text{rec}} + \lambda_f \mathcal{L}_{\text{focal}} + \mu \mathcal{L}_{\text{phys}}$
$\mathcal{L}_{\text{phys}}$: softly penalises delay-inconsistent regions