

Polarized Images



I_{input}^0



I_{input}^{90}

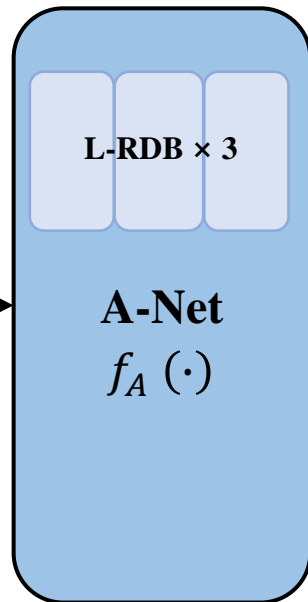


I_{input}^{45}

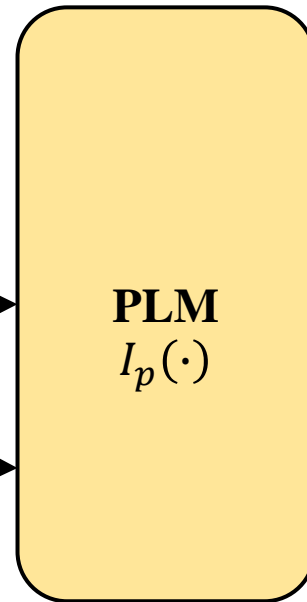


I_{input}^{135}

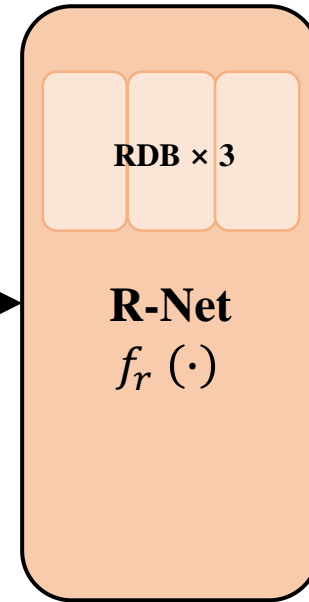
Skip Connection



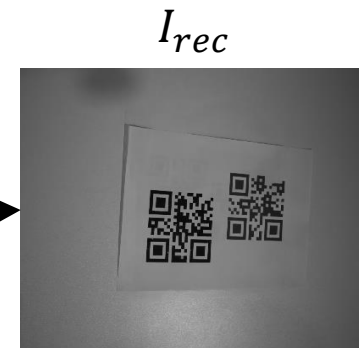
Angle Estimation Network



Polarization-based Location Model



Reconstruction Network

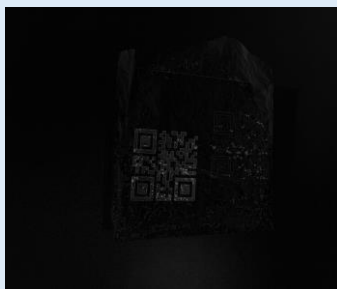


Reconstructed Image

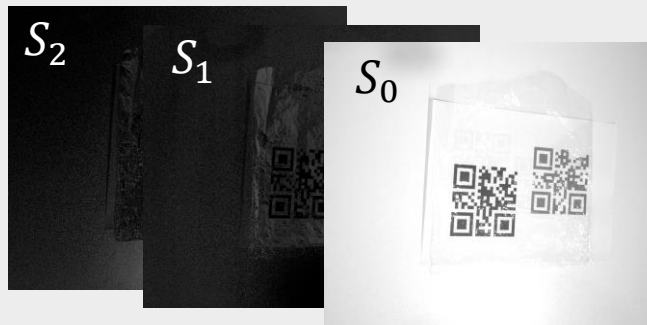
AoP S_{AoP}



DoP S_{DoP}



Stokes Parameters



Ⓢ Concatenation

L-RDB: Lightweight Residual Densely Block

RDB: Residual Densely Block