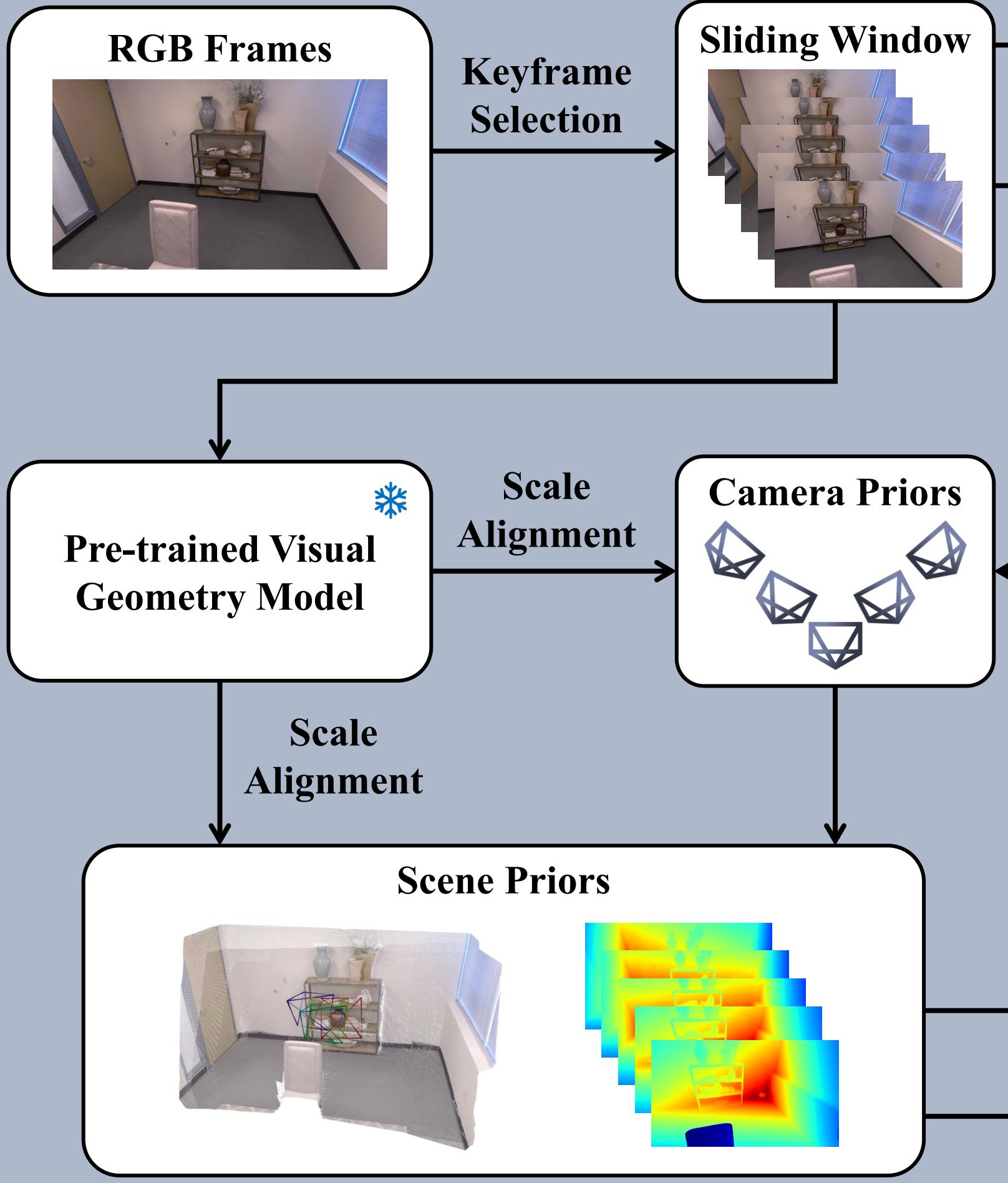
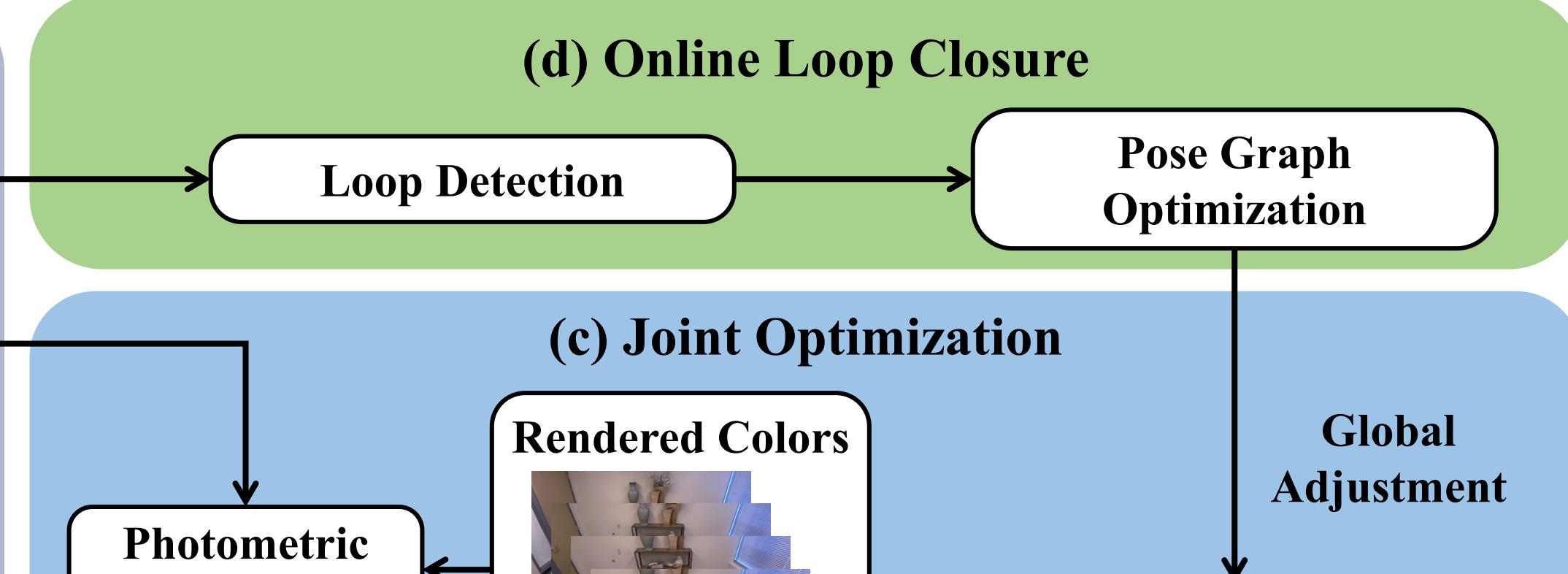


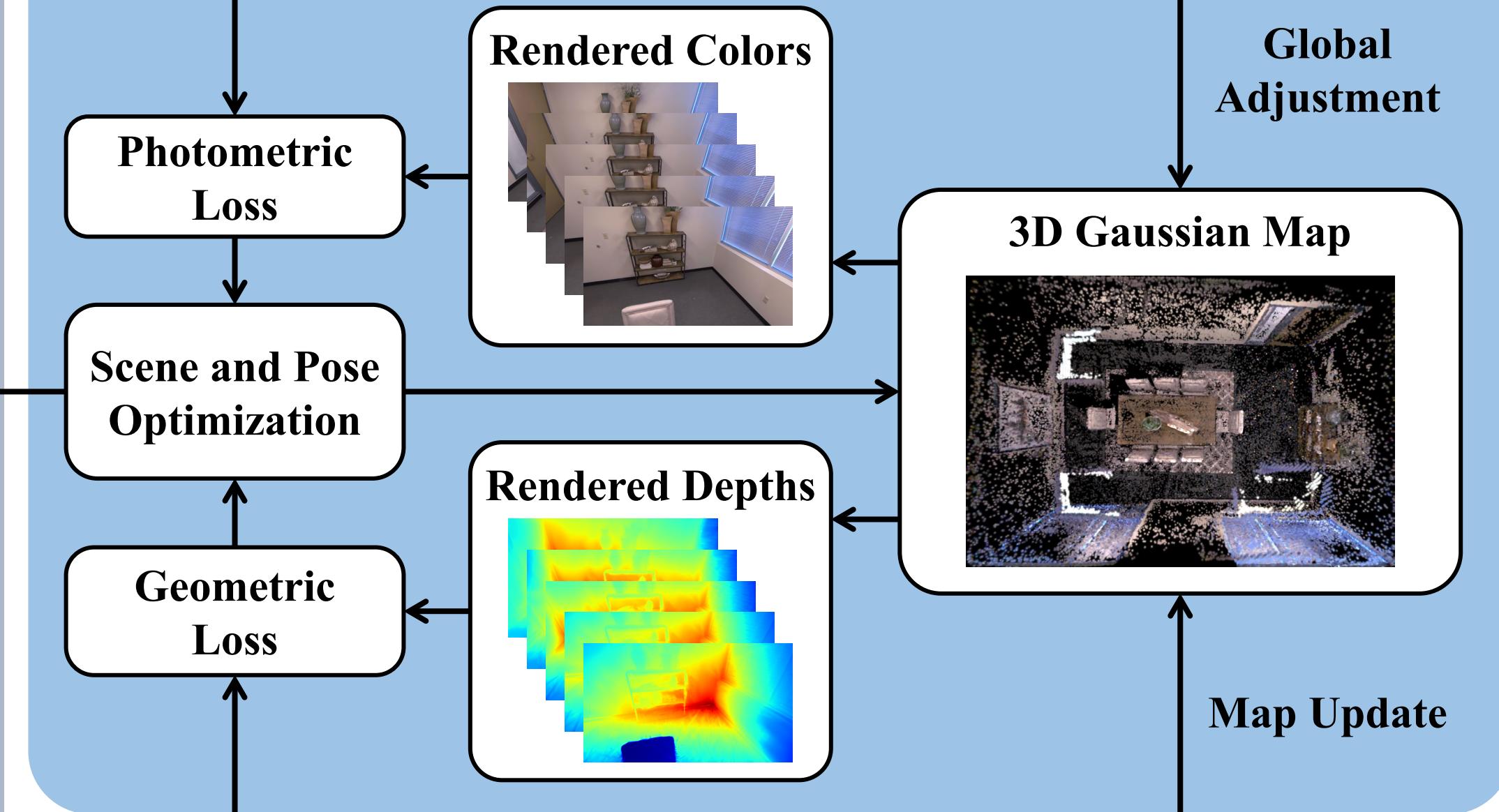
(a) Geometric Prior Prediction



(d) Online Loop Closure



(c) Joint Optimization



(b) Map Expansion

