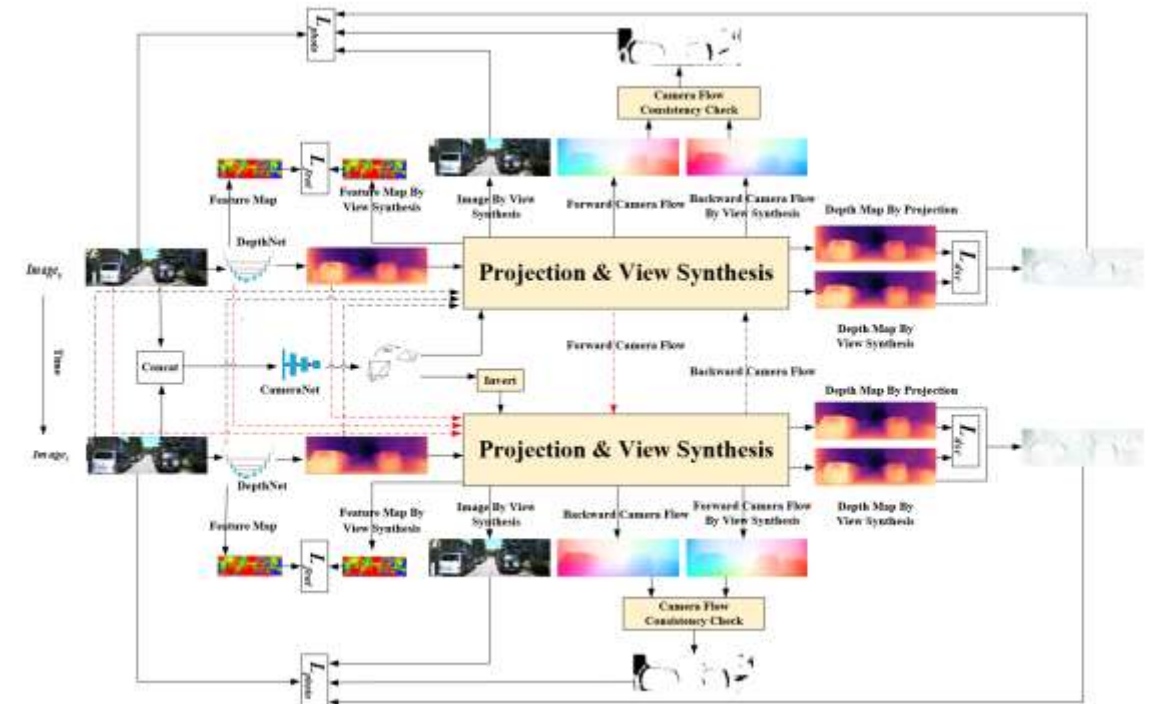


# Bidirectional Weighted Loss with Feature Perception for Self-supervised Learning of Consistent Depth-pose

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- Take full advantage of limited data by using the bidirectional photometric loss.
- Deal with moving objects and occlusions by reweighting the bidirectional photometric loss.
- Improve the robustness for textureless regions by employing the bidirectional feature perception loss.
- Enforce consistency between depths by employing the bidirectional depth structure consistency loss.



## Diagram of the general framework