a. Data Augmentations via 3D Rasterization

Cross-agent View Synthesis

Recovery-oriented Perturbation

Annotated Driving Logs

x, y, z state, etc...

Large-scale Synthetic Samples

Domain-Aligned Backbone

Perception

Trajectory

Scoring

b. Raster-to-Real Alignment

Paired Inputs

Image Encoder

Feature Projector

Projected Features

MSE loss

Detached

Spatial-level Alignment

Pooling

Gradient Reversal

Domain Classifier

Real=1 Rasterized=0

Global-level Alignment