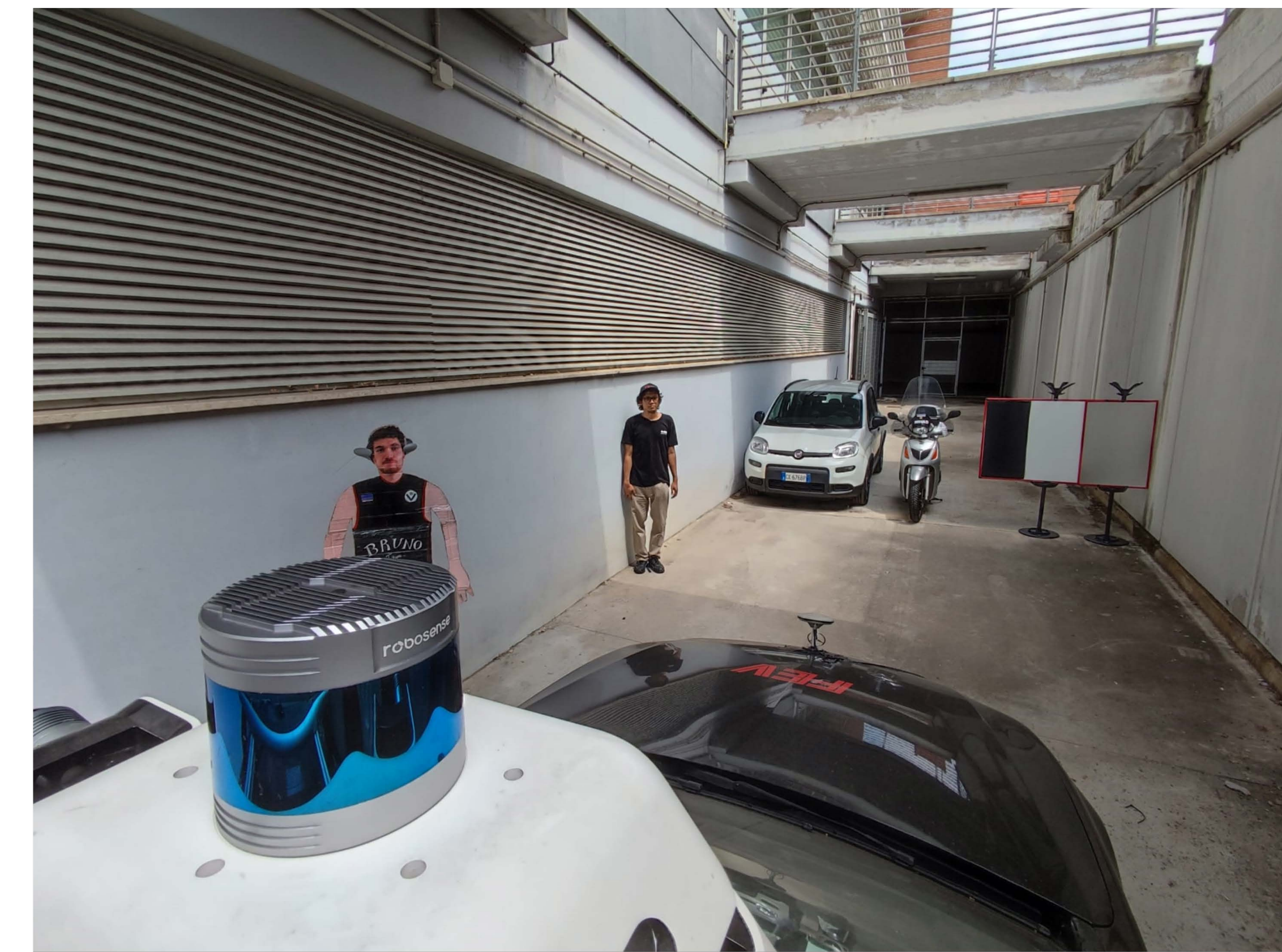


## Sensor System: LiDAR

## Perception System



Ego-vehicle facing object

Water



Mud

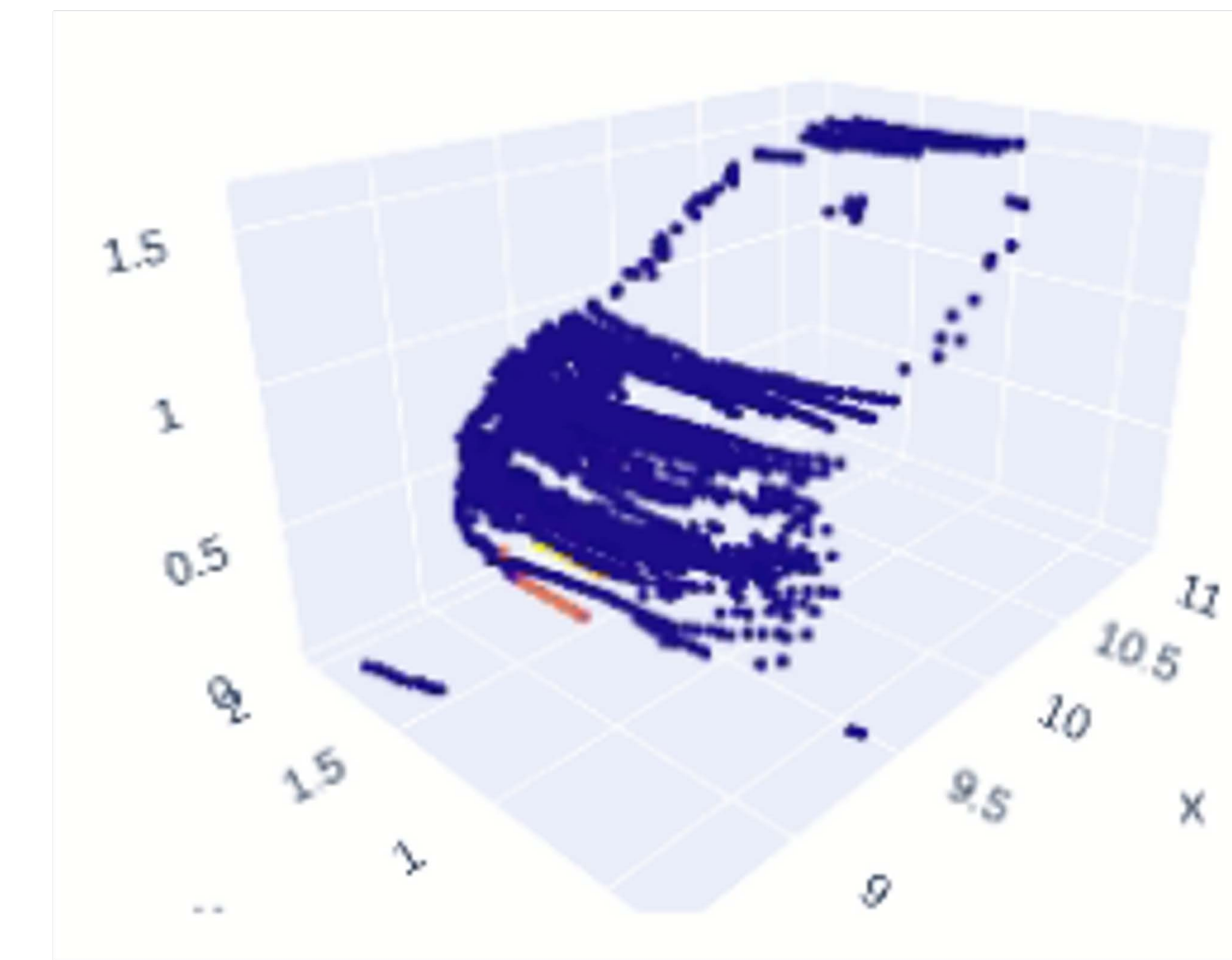
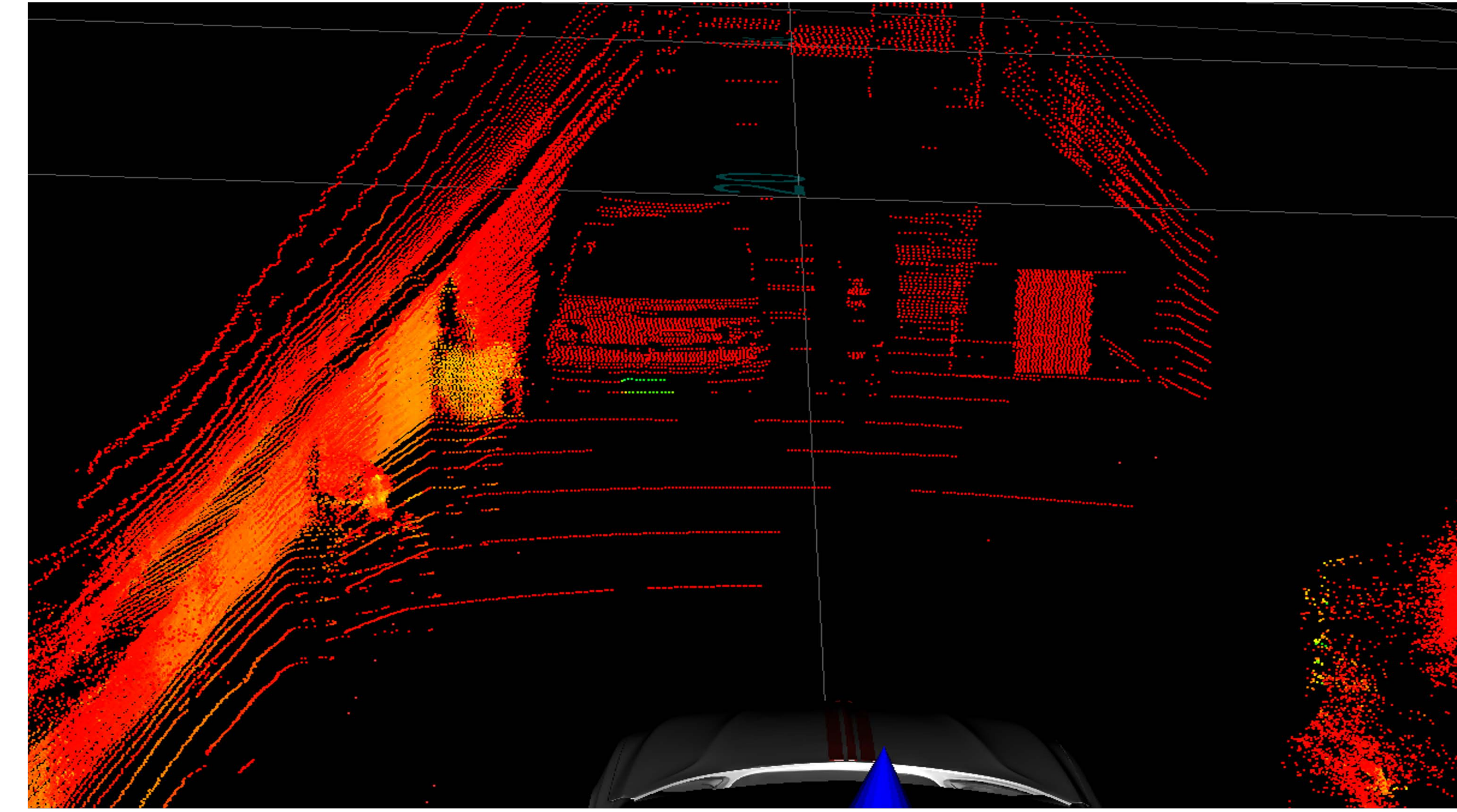


Foam



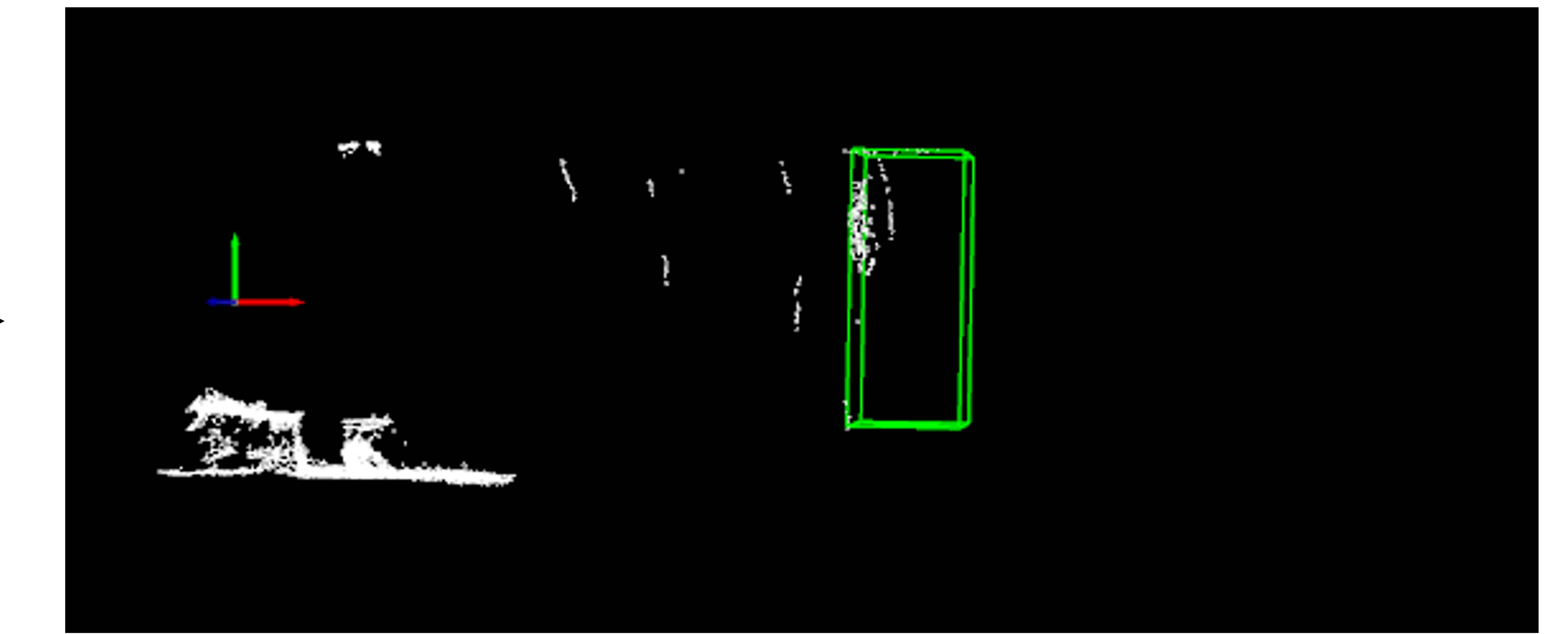
Physical  
Sensor Contamination

3D Environment-Level Corruption



3D Object-level Corruption

Sensor Degradation



Wrong Detected Object

Performance Degradation:  
Catastrophic Mistake