

P6

Solid-state LiDAR L4 Sensing Fusion Scheme

Enable large-scale commercialization of autonomous vehicle

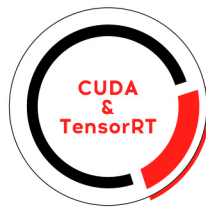
RoboSense combines hard-core technologies in excellent LiDAR sensor hardware and AI point cloud perception software to provide Smart Sensor Systems to various autonomous driving applications.

RoboTaxi relies on the most sophisticated autonomous driving technologies to engage with complex driving environments, such as coping with different speed limits and dealing with urban roads bustling with pedestrians and vehicles. Catered to RoboTaxi's specific requirements, RoboSense provides P6 to address LiDAR perception needs with complete stack solutions.

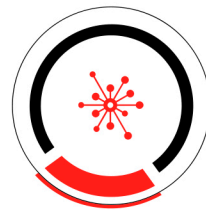
「AI Perception」



AI + Conventional Perception



Optimized for NVIDIA CUDA and TensorRT



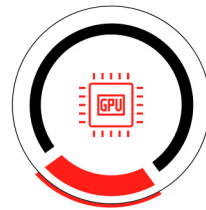
Data-driven, multi-scenario and large-scale point cloud data sets



Over 15 years of experience in point cloud perception



Verified by 100+ partners in various testing scenarios



Support desktop GPU and low-power mobile platforms

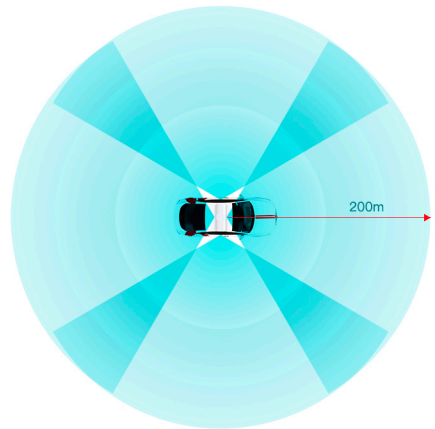
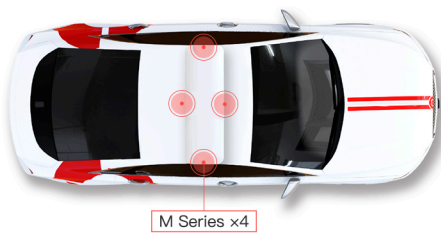
P6



- M Series x4
- System Hardware
- Perception System
- Training System
- Computational Unit
- Sensor Bracket

L4+Perception Smart Automotive-Grade
 Stable and Reliable High Resolution

FoV Schematic



Applied Fields



RoboTaxi



RoboTruck