



robosense

The V2X Vehicle-to-Road Synergistic Perception System

“Bird’s eye view” of the overall road conditions Adds a new dimension to the perception systems of autonomous driving Intelligent transportation system

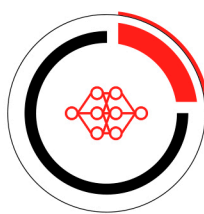
RoboSense combines hard-core technologies in excellent LiDAR sensor hardware and AI point cloud perception software to provide smart sensor systems to various autonomous driving applications.

Tailored to the road side perception needs of the V2X system, V2X gives autonomous vehicles an “eye in the sky”, breaking through the limits of conventional environment perception systems in the field. Leveraging deep learning from road environment data, V2X continues to evolve to better cope with complex conditions and contribute to smart transportation networks.

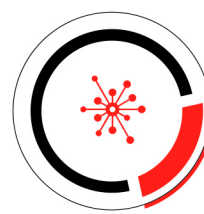
「AI Perception: HyperVision」



Support Customized Traffic Event Triggering



AI + Conventional Perception Software



Data-driven, multi-scene, large-scale point cloud data sets



Over 15 years of experience in point cloud perception



Verified by 100+ partners in various testing scenarios

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RoboSense

www.robosense.ai

Mechanical Mounting



Mechanical LiDAR

- Bpearl
- Helios Series
- Ruby Plus Series

Software Module



Detection



Classification



Multi-LiDAR Fusion

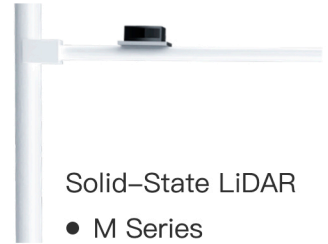


Dynamic Object Tracking



Multi-Post Fusion

Solid State Mounting



Solid-State LiDAR

- M Series

Applications



Intelligent Connected Vehicle Pilot Zone



City Road



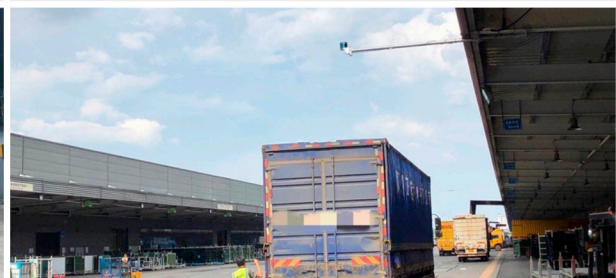
Highway



Parking Lot



Logistics Park



Port



Mining