Infra-structure

DENSO
Crafting the Core

# LiDsEYE

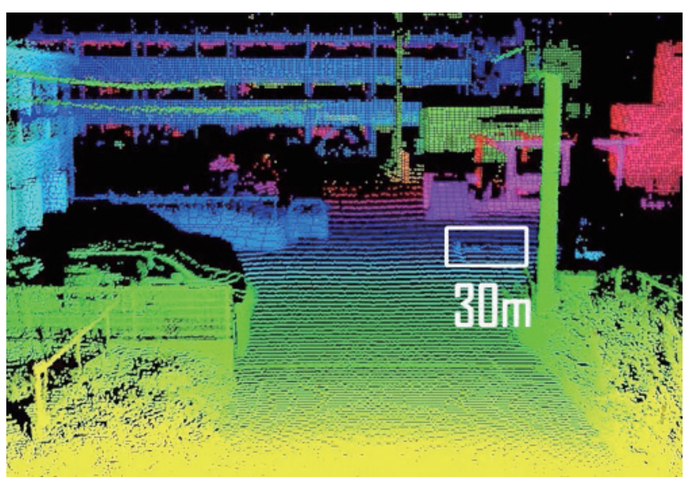
## Industrial LiDAR




Industrial-grade LiDAR designed for harsh environments, leveraging DENSO's automotive engineering expertise.

### HIGH RESOLUTION

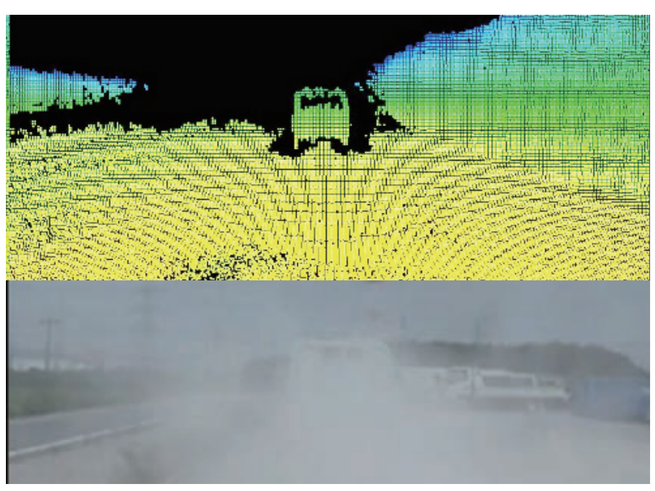
120° × 30° Field of View
0.15° Angular Resolution




High-definition 3D sensing across the full field of view

### NOISE RESISTANT

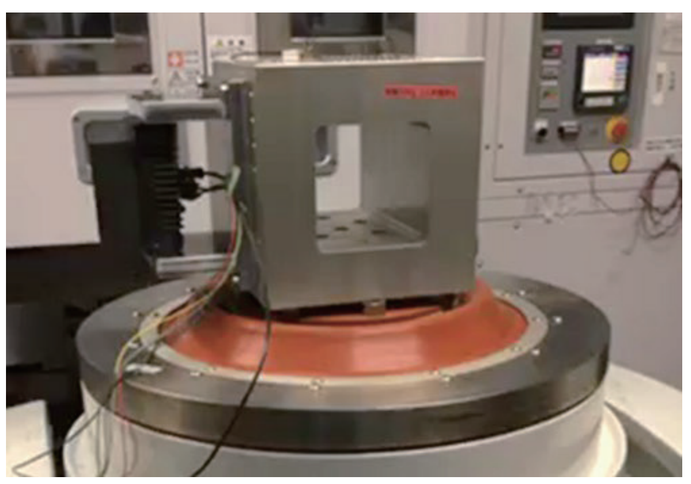
Robust detection through rain and dust



Distinguishes dust reflections from objects for reliable detection in dusty environments

### HIGH RELIABILITY

40,000+ Hour Lifetime
10G+ Vibration Resistance



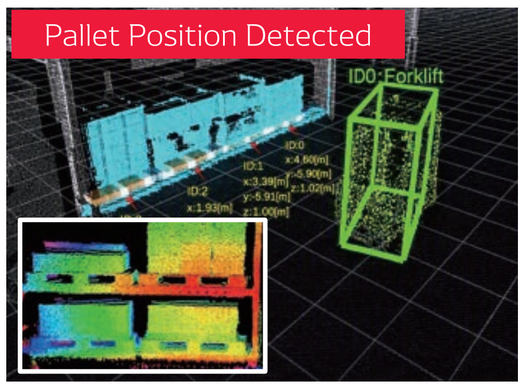
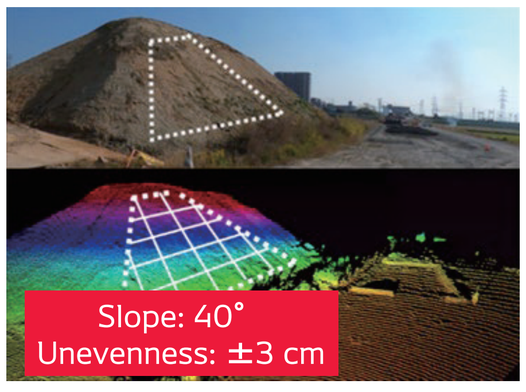
Reliable operation under vibration levels up to 10G



Advanced Photodetectors and Robust Signal Processing

Automotive-Grade Robust Design

Empowering safer and more productive industrial operations with LiDsEYE.
Automation technology that supports workers and improves efficiency.

| Traffic Monitoring | Factory / Logistics | Civil Engineering and Construction | Agriculture and Forestry |
|---|---|---|---|
| Vehicle Safety | Operational Efficiency and Automation | Skilled Work Automation | Operational Efficiency and Automation |
| Detect Pedestrians to Prevent Collisions. | Precise Pallet Position Detection. | Evaluation of slope workmanship. | Detection of Drivable Areas on Farm Roads. |
|  |  |  |  |
| Detecting and tracking people and vehicles to help prevent collisions. | Improving logistics efficiency through precise pallet localization. | Visualizing excavation and grading results. | Supporting autonomous navigation through precise detection of road surfaces and crops. |