



# CMS-T3

## LIDAR-CAMERA FOR LONG-RANGE 3D OPTIMIZED FOR OUTDOOR AUTOMATION COMPATIBLE WITH NVIDIA® ORIN™



Built for outdoor autonomy, the CMS-T3 combines a 192-line LiDAR with a Full HD camera to deliver high-density Real-time 3D RGB Point Clouds for large-scale mapping, obstacle awareness, and real-time detection across varied environments.

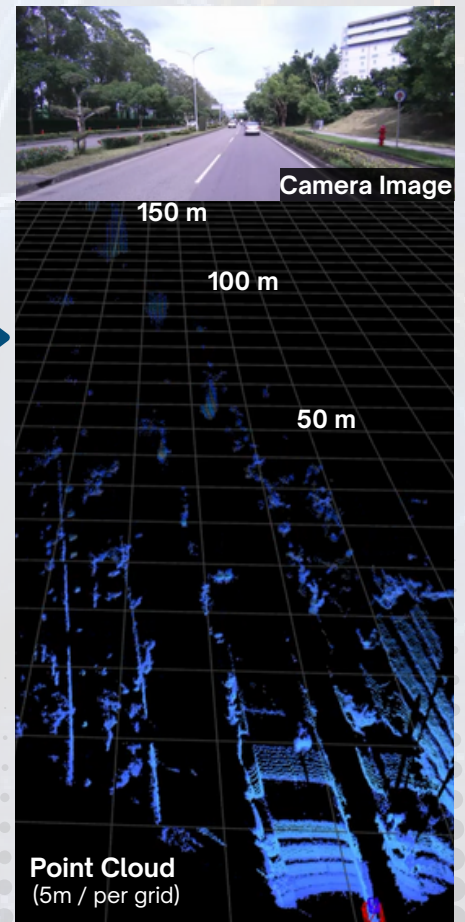
With SDKs for Windows 10/11, ROS2 (Ubuntu 22.04), and full compatibility with NVIDIA® Orin™, CMS-T3 supports fast development and flexible integration into autonomous vehicles, AMR/AGV, and Intelligent Transportation System (ITS).

- 1 LONG-RANGE SENSING**  
UP TO 150 METERS FOR PRECISE RANGE AND OBSTACLE DETECTION
- 2 HIGH-DEFINITION**  
ENABLES REAL-TIME IMAGE FOR AI DECISION-MAKING
- 3 ALL-WEATHER**  
OPERATES RELIABLY IN CHALLENGING CONDITIONS



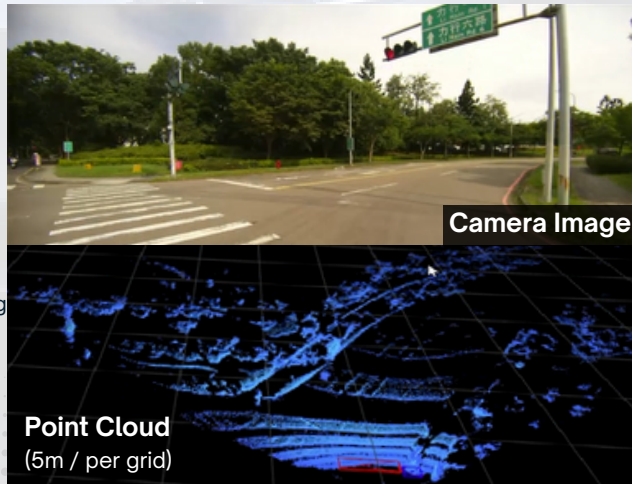
### AUTONOMOUS VEHICLES

High-resolution mapping and obstacle awareness for AMR, AGV, and smart mobility.



### INTELLIGENT TRANSPORTATION SYSTEM

Supports roadside units (RSU), surveillance, and edge AI monitoring with 3D vision.



### Sensor Specifications

Laser Wavelength (nm)	905 / 940	Horizontal FOV (°)	120	Frame Rate (Hz)	10
Laser Safety	Class 1 eye safety	Vertical FOV (°)	25	Points Per Second	960,000
Dimension (mm)	140 x 125 x 45	Resolution (°)	0.24 / 0.13	Range (m) 10%, 100kLux	150
Weight (g)	1006	Number of Lines	192	Blind Spot (m)	1

Ready to integrate CMS-T3 into your system? Contact us for samples and support:

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