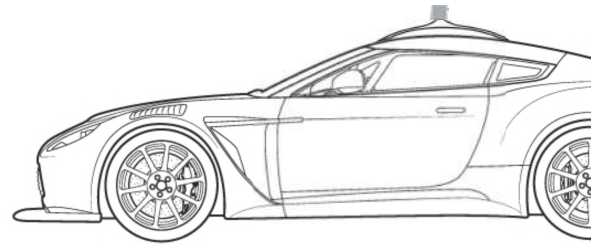




PandarGT-L60

Solid-State LiDAR

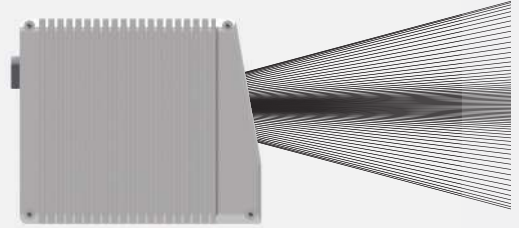


PandarGT-L60

PandarGT is a 2D-scanning solid-state LiDAR with an FOV of 60° (H) X 20° (V) and an extended range of 300 meters at 10% reflectivity. Its unique, dynamically-adjustable beam distribution can enhance the vertical resolution up to 0.07° (10 Hz), enabling object recognition from more than 200 meters away.

PandarGT is also equipped with Hesai's patented interference rejection function, eliminating possible interference from any other LiDAR.

Designed for automotive grade reliability and manufacturability, PandarGT is an ideal long-range LiDAR for autonomous driving applications.



PandarGT-L60 (Illustrated Channel Distribution)

Unique Advantages of PandarGT-L60



Extended
Measurement Range



Dynamically-Adjustable
Beam Distribution



Compact
and Lightweight



Adjustable Pitch



Designed for Auto-
Grade Reliability

Specifications

Sensor			
Operational Principle	Time of Flight	Returns (Configurable)	Single/Multiple
Scanning Method	2D Scanning	FOV (Vertical)	20° (-10° to +10° with ±5° Offset, Configurable)
Maximum Measurement Range	300 m (at 10% reflectivity)		
Wavelength	1550 nm	Angular Resolution (Vertical)	Finest at 0.07° (10 Hz)
Measurement Accuracy	±2 cm	FOV (Horizontal)	60°
Clock Source	GPS	Angular Resolution (Horizontal)	0.1°
Frame Rate	5 Hz, 10 Hz, 20 Hz	Interference Rejection	Yes

Output			
Data Output	UDP: distance, azimuth angle, vertical angle, intensity	Data Transmission	UDP/IP Ethernet (1 Gbps)
Data Points Generated	945,000 pts/s (typical)		

Mechanical/Electrical/Operational

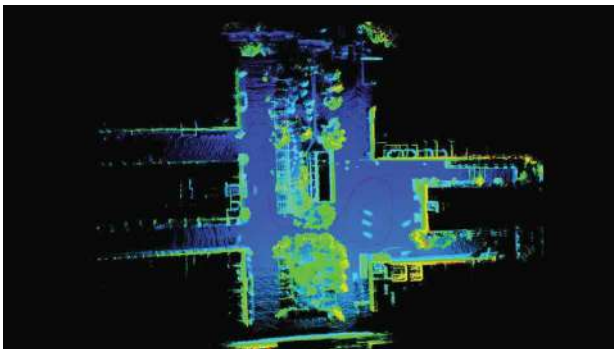
Size	Height: 96 mm Length: 114 mm Width: 130 mm	Operating Temperature	-40°C to +65°C
		Operating Voltage	12 V
Weight	1.8 kg	Laser Class	Class 1 Eye Safe
Power Consumption	30 W	Environmental Protection	IP6K7

Application Scenarios

Autonomous Driving



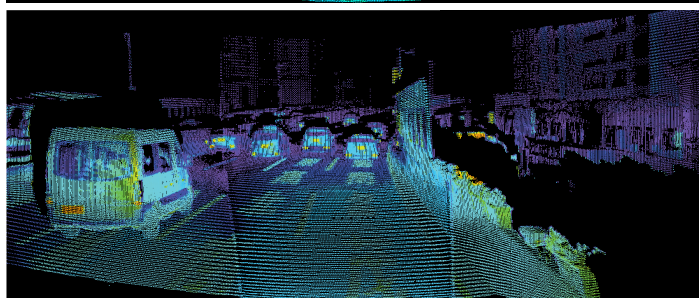
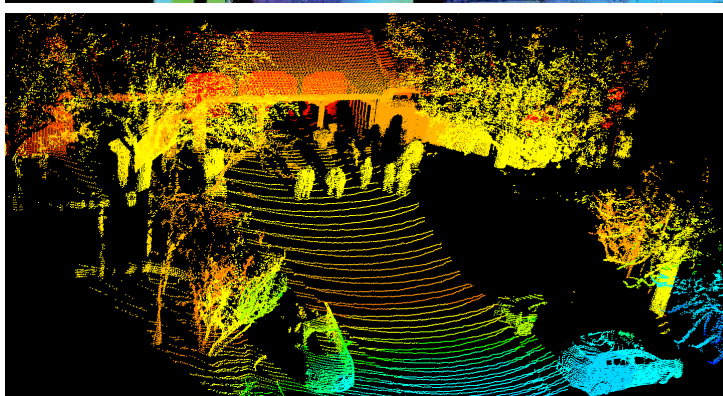
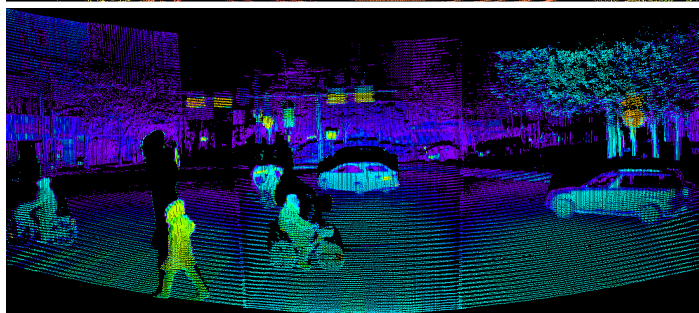
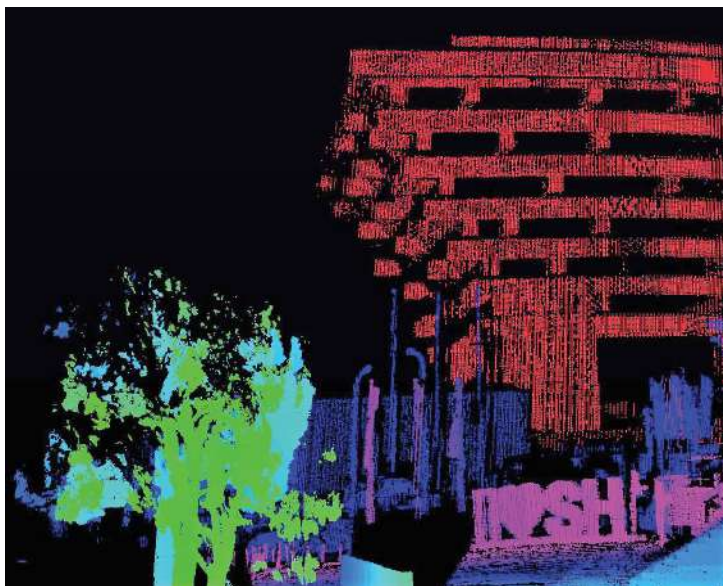
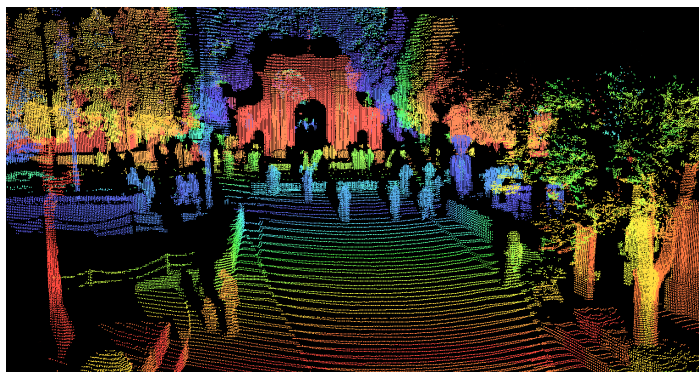
HD Mapping



Autonomous Logistics



Data Captured by PandarGT-L60



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Website QR Code