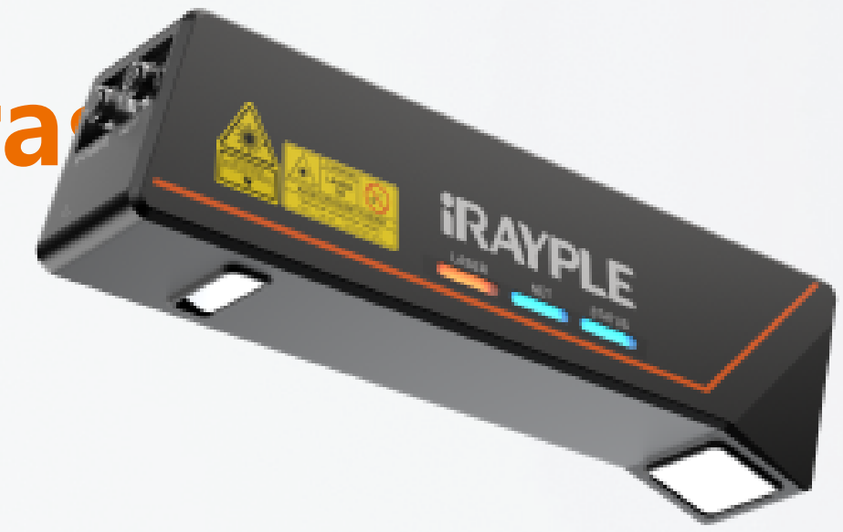
3D Stereo Camera

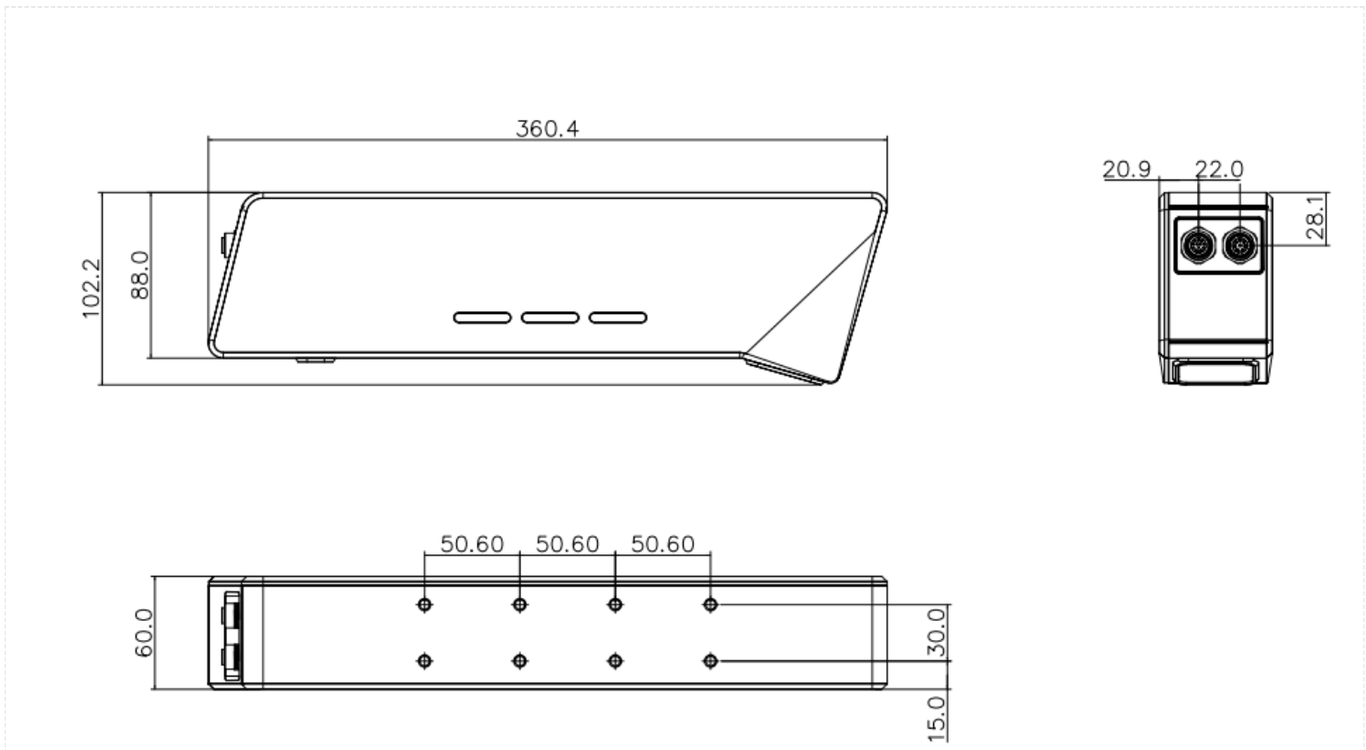
D7200MG200E



Features

- Millimeter-level 3D measurement results with high output speed (5 mm accuracy).
- Gigabit network makes data transmission efficient and stable.
- Narrow-band filter design with powerful anti-interference performance.
- Built-in aviation connector with anti-dust and light rainproof design.
- Support result output in point-cloud, dimensions, volume (integral and bounding box), top surface coordinates.

Dimensions (mm)



Specification

Model		D7200MG200E
Basic	Series	7000 Series
	Model	D7200MG200E
	Max. Frame rate	600 fps
	Trigger Mode	FreeRun, External Trigger, Coder Trigger (support trigger signal input with up to 100 KHZ).
	Software	MV Viewer, Volume3D
	Certifications	CE, BIS
Performance	Near FoV	1100 mm
	Far FoV	2600 mm
	Clearance Distance	700 mm
	Measuring Range	1100 mm
	Measuring Accuracy	5 mm × 5 mm × 5 mm (regular object)
	Max. Operating Speed	3 m/s
	Data Type	Point Cloud, Dimensions, Volume (integral and bounding box), Top Surface Coordinates.
	Laser Grade	Class 3B
	Wavelength	808 nm
Port	Connector	Two industrial-grade M12 connectors, including Ethernet interface and I/O interface.
	Network Port	Gigabit Network
	GPIO Interface	I/O interface with 12-pin, including opto-isolated input × 3 (Line0/1/2), opto-isolated output × 2 (Line3/4), RS-232 serial port × 1.
	Communication protocol	SDK, TCPServer, TCPClient, Profinet
	LED Indicator	Status, Network, Laser
Power	Power Supply	Support wide voltage input with 12 VDC~24 VDC, and can be adaptive to different industrial voltage environments with 12 VDC or 24 VDC.
	Power Consumption	< 20 W
Structure	Product Dimensions	360 mm × 102 mm × 60 mm
	Net Weight	About 1.5 kg
	Protection	IP65
Environment	Operating Temperature	-10℃ to 50℃ (12°F to 122°F)
	Operating Humidity	20% to 85%RH, Non-condensing
	Storage Temperature	-30℃ to 80℃ (-22°F to 176°F)