

3D Cameras

3D Line Laser Profile Sensor

3D Line Laser Stereo Camera

Product Feature

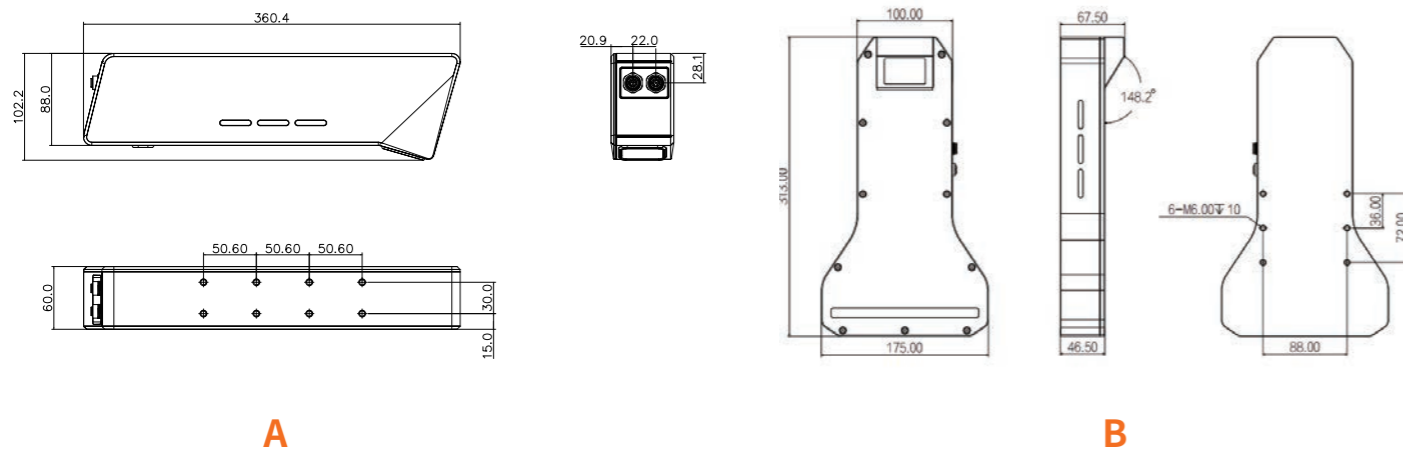
- 3D measurement result in millimeter level with high scanning speed after factory calibration
- Flexibility of working distance and FOV configuration
- Integrated 3D calibration tool
- Measurable object range 1000mm*1000mm*2000mm (W*H*L)
- High-accuracy 3D measurement, accuracy 5mm*5mm*5mm
- Point-cloud image, L/W/H, Volume measurement and Volume Integral Output
- Rich interfaces, including network port/IO/encoder
- Industrial-grade M12connector, IP65 protection level
- Support wide voltage input, fitting industrial DC 12/24V environment



Specifications

Model	Reference Distance	Near Field Of View	Far Field Of View	Measurement Range	Measurement Accuracy	Detection Speed	Label
D7200MG200	700 mm	1100 mm	2600 mm	700~1800 mm	±5mm	3m/s	A
D7200MG500	230 mm	700 mm	2050 mm	500mm	±5mm	3.5m/s	B

Dimensions



3D Binocular Stereo Camera

Product Feature

- Built-in high-accuracy volume measurement and 3D positioning algorithm
- Small dimension and high integration make better cost performance and smaller
- Speckle-module illumination makes light uniform and reliable
- Superior filter design, strong ability to suppress ambient light
- Built-in aviation connector, rich IO interface
- Industrial-grade M12 connector, IP65 protection level
- Support multi-cameras cascade



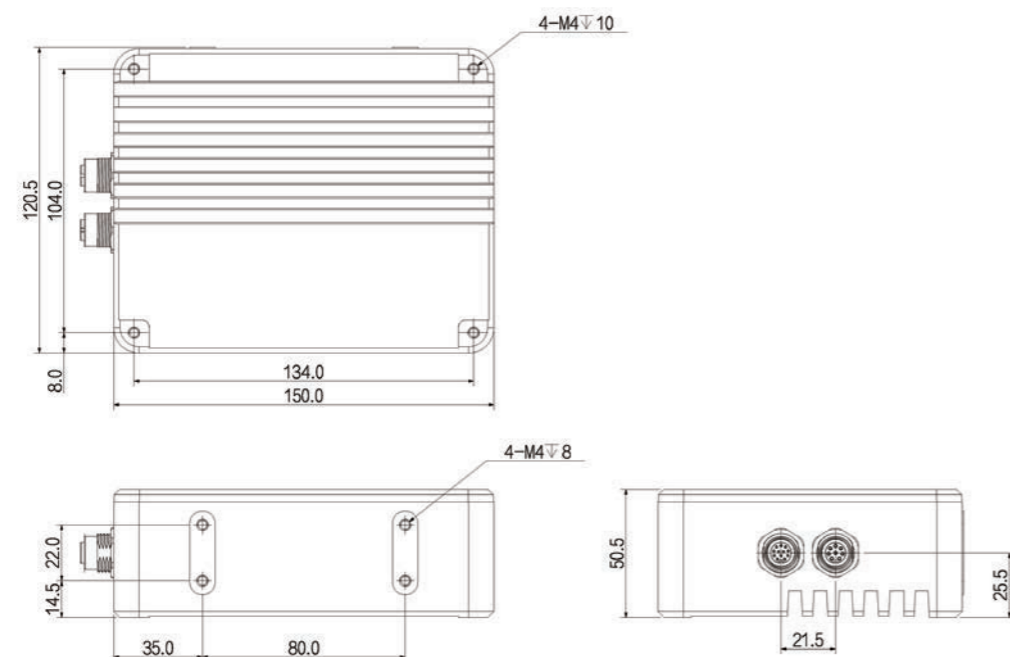
Specifications

Model	Near Field Of View	Far Field Of View	Working Distance	Laser Category	Interface	For Industry
DS5131MG30CE	680*620	4000*3200	600-3500	CLASS 1	Ethernet	Logistics single piece separation

Install Parameter

Installation Height	Field Of View	*Y Accuracy	Z Accuracy	Dimension
800	950*830	5	5	20*20*8
1100	1300*1100	5	5	30*30*10
1400	1700*1400	8	8	40*40*15
1700	2100*1700	10	10	50*50*30
2000	2500*2000	10	10	60*60*40
2300	2900*2300	15	15	70*70*50

Dimensions



Standard Parameter

Near Field Of View	680mm*620mm
Far Field Of View	4000mm*3200 mm
Working Distance	600mm-3500mm
Data Type	Color image, depth image, point cloud, volume data
Light Source Type	Speckle laser module
Laser Level	CLASS 1
Connector	2 Industrial-grade M12 connectors, Ethernet and GPIO interfaces
Network Interface	Code-A, gigabit ethernet
GPIO	1 Isolated output, 2 isolated inputs, 1 differential input
Way Of Communication	Ethernet
Communication Protocol	SDK, TCPServer, TCPClient
LED Indicator	Power supply, network, trigger, laser
Power Supply	Support DC12V~24V wide voltage input, fitting industrial DC12V/24V environment
Power Consumption	<10.0W
Product Dimension	150mm*120mm*50.5mm(Excluding interface height)
Packaging Dimensions	369mm*257mm*148 mm
Product Weight	1500g
Package Weight	<3200g
Protection Grade	IP65
Housing Material	Aluminum alloy
Operating Temperature	0-50°C
Operating Humidity	20%~95%,No condensation
Storage Temperature	-30°C~+80°C
Software	SCV
Certification	CE

Accessory Manifest

	Necessity	Model	Industry
Calibrate Paper	Optional	Checkerboard calibration sheet 2080×1170mm	Logistics single piece separation
Dongle	Optional	HR-EK01-A	Logistics single piece separation