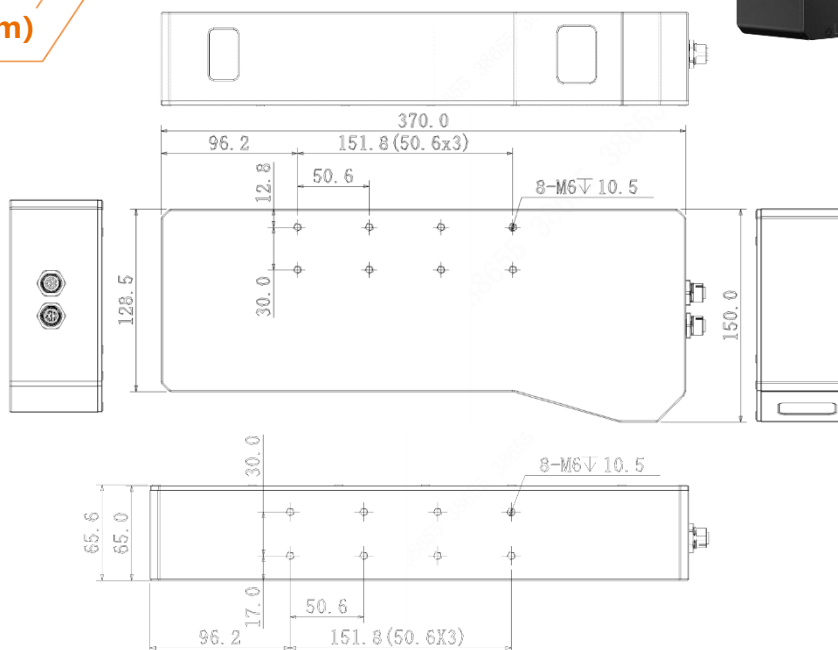# iRAYPLE

3D Industrial Camera

D5201MG100E

Product Features

- Pre-calibration during production and support high speed output of 3D measurement result in mm-level;
- Configurable working distance and FOV;
- Integrated with 3D calibration kits;
- Maximum scale: 1000mm×1000mm×2000mm(W×H×L);
- High accurate 3D measurement: 5mm*5mm*5mm;
- Supports functions such as point cloud image, W*H*L, volume measurement data, Integral volume, etc.;

Dimensions (mm)

IRAYPLE

Technical Specifications

Model Name	D5201MG100E
Maximum Frame Rate	250fps
Software	Volume3D
Certifications	CE，FCC
Functions	Point cloud image, W*D*L data, Volume measurement, Integral volume
Near FOV	1000mm
Far FOV	2200mm
Net Distance	800mm
Working Distance	1000mm～1800mm（Affect measurement range）
Measurement Range	1000mm
Accuracy	5mm*5mm*5mm
Max. Speed	2m/s
Laser Grade	3B
Connectors	2 industrial grade M12 connectors, for Ethernet and GPIO
Network Port	Code-A, Gigabit Ethernet
GPIO	12-pin I/O interface, contain POWER/IO/Encoder interface
Communication Mode	Ethernet,RS232
Communication Protocol	SDK，Serial，TCPServer，TCPClient，Profinet
LED Indicator	Power, Network, Trigger, Laser, Mode
Power Supply	Support DC12V～24V wide-range power supply,adapt for industrial DC12V/24V different voltage environment
Power Consumption	<10.0W
Product Dimensions	370mm×65.6mm×150mm (not include Interface height)
Product Weight	<4kg
Protection	IP65
Shell Material	Aluminum alloy
Operating Temperature	-10℃～+50℃
Operating Humidity	20%～85%，no condensing
Storage Temperature	-30℃～+70℃