

DH-MV-SI5501MG002E

Embedded Huaray self-developed algorithm platform, with a wealth of algorithm tools, can be used for detection, positive and negative detection, positioning guidance, defect detection, size measurement and other scenarios.

Support Win10, support secondary development based on HuaRay

Support VGA/USB interface and extended keyboard/mouse connection

CMOS series product covering 1.3MP~20.0M Presolution

Support Global/Rolling shutter

Support software trigger/hardware trigger/free run mode

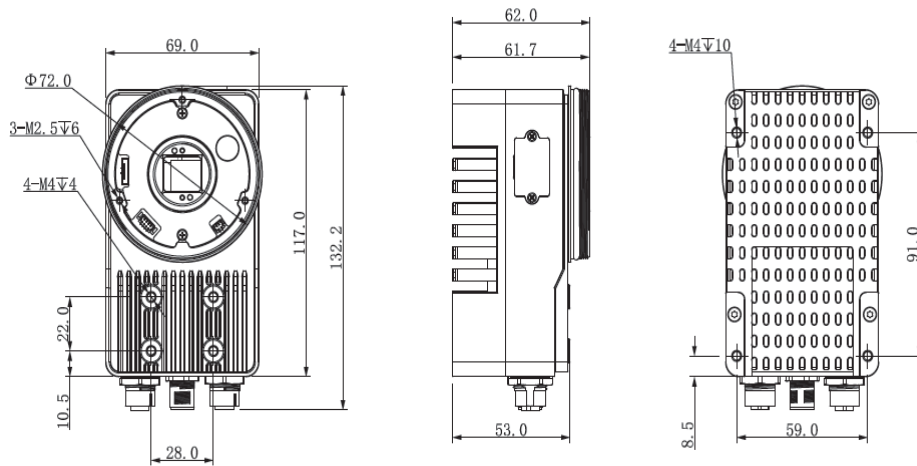
GigE interface provides maximum 1G bps bandwidth



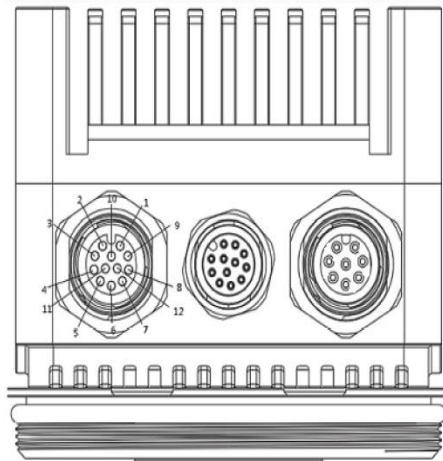
Model	Sensor Type	Shutter	Resolution	Frame rate	Interface	Mono/Color	Pixel Size	Sensor size
SI5501MG002E	CMOS	Global	2592x2046	20	GigE	Mono	4.8x4.8	1"
Specification								
SNR	>38dB							
Dynamic Range	60dB							
Image Format	Mono8/10/12							
Connector	3 physical interface: 1 GigE, 1 GPIO, 1 VGA & 1 USB port							
Network Port	1Gbps Ethernet							
GPIO	12 pins IO interface: 3 input without opto isolation, 3 output without opto isolation							
Communication Mode	RS232 or RS485, 1Gbps Ethernet							
Communication protocol	SDK, Serial, TCPServer, TCPClient, Profinet, Modbus TCP							
LED Indicator	5 status indicators: 1 system, 2 network and 2 user configurable indicators							
Power Supply	Support 24V DC power supply							
Power Consumption	≤30W							
Product Dimensions	132.2mm*69mm*62mm							
Packaging Dimensions	190mm*179mm*127mm							
Weight	< 600g							
Package Weight	< 800g							
Protection	IP67							
Casing	Aluminium alloy							
Operating Temperature	-20°C ~ +50°C							
Operating Humidity	20% ~ 95% , No condensation							
Storage Temperature	-30°C ~ +80°C							
Software	MVP							
Certifications	CE , FCC							



Dimensions(Unit: mm)



I/O Interface Description:



Pin	Signal	Description
1	OPT_IN1	Opto-isolated input 1
2	OPT_IN2	Opto-isolated input 2
3	OPT_OUT1	Opto-isolated output 1
4	OPT_OUT2	Opto-isolated output 2
5	RXD RS232	Serial port input
6	OPT_IN_GND	Opto-isolated in ground
7	Power	DC 24V input
8	GND	Power ground
9	OPT_OUT_GND	Opto-isolated out ground
10	OPT_IN0	Opto-isolated input 0
11	OPT_OUT0	Opto-isolated output 0
12	TXD RS232	Serial port output