

# R7000 Series

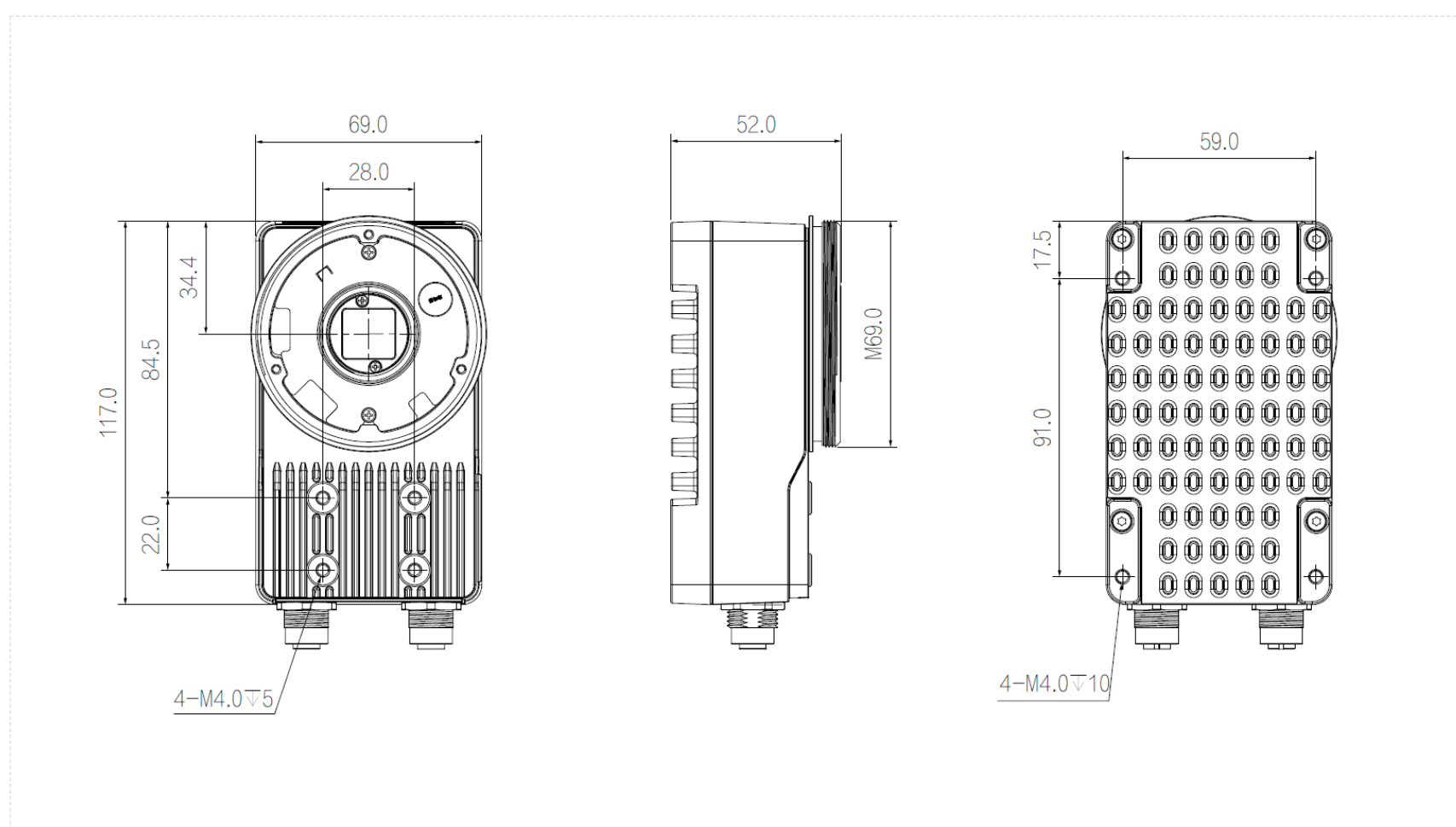
## R7201MG-00C-NGG01E



### Features

- CMOS series product, high-speed capture
- Built-in deep learning algorithm, efficient and powerful algorithms
- Support software trigger/ hardware trigger/ free run modes
- GigE, up to 1Gbps bandwidth
- Abundant I/O interfaces, RS232, 3Opto-isolated input, 3Opto-isolated outputs
- Industrial M12 connector, IP67

### Dimensions (mm)



## Specification

Model		R7201MG-00C-NGG01E
Basic	Resolution	5120 × 3840
	Max. Frame rate	15 fps
	Sensor Type	1" , CMOS
	Shutter Mode	Global
	Lens Mount	C-MOUNT
	Trigger Mode	Software trigger/External trigger/Free run modes
	Software	EasyID
	Certifications	CE , FCC , KC
	Function	ID: Code 39 , Code 93 , Code 128 , CodaBar , EAN8 , EAN13 , UPCA , UPCE , ITF25 , 2of5 ( Industrial 2of5 ) , standard25 , GS1-128 etc. and 2D: QR/DM/MQR/GS1 DM/GS1 QR; Quality Evaluation: 1S0/IEC 29158(AIM-DPM), 1S0/IEC 15415, 1S0/IEC 15416
Performance	Max. Read Speed	90 codes/s
Port	Connector	2 Industrial connectors support GigE and GPIO
	Network Port	Code-A,GigE
	GPIO Interface	12Pins GPIO , RS232, 2 Opto-isolated inputs and 3 Opto-isolated outputs
	Communication Mode	RS232, Ethernet
	Communication protocol	SDK , TCP Client , FTP , TCP Server , RS232 , Profinet、 Modbus、 EtherNet/IP、 MCUpd、 MCTcp、 FinsUDP、 FinsTCP、 MELSEC
	LED Indicator	Power,Ethernet,Trigger
Power	Power Supply	DC24V(±10%) 1A input, suitable for industrial environment
	Power Consumption	<8.0W@DC24V( light not included) )
Structure	Product Dimensions	117 mm × 69 mm × 43 mm(lens mount & connector not included)
	Net Weight	< 550 g
	Protection	IP67 (with lens cover)
	Casing Material	Aluminum alloy
Environment	Operating Temperature	-20°C ~ +50°C
	Operating Humidity	20% ~ 95%, no condensation
	Storage Temperature	-30°C ~ +70°C

## Connector Pin-out

12 Pin I/O Connector

Color	Pin	Signal	Description
Yellow	1	OPT_IN1	Opto-isolated input1
Yellow white	2	OPT_IN2	Opto-isolated input2
Brown	3	OPT_OUT1	Opto-isolated output1
Brown white	4	OPT_OUT2	Opto-isolated output2
Purple	5	COM_RXD	Serial receive
Purple white	6	OPT_IN_GND	Opto-isolated input GND
Red	7	POWER	Power supply
Black	8	POWER_GND	Power supply GND
Green	9	OPT_OUT_GND	Opto-isolated output GND
Orange	10	OPT_IN0	Opto-isolated input0
Blue	11	OPT_OUT0	Opto-isolated input0
Gray	12	COM_TXD	Serial send
white	-	-	Shield GND

