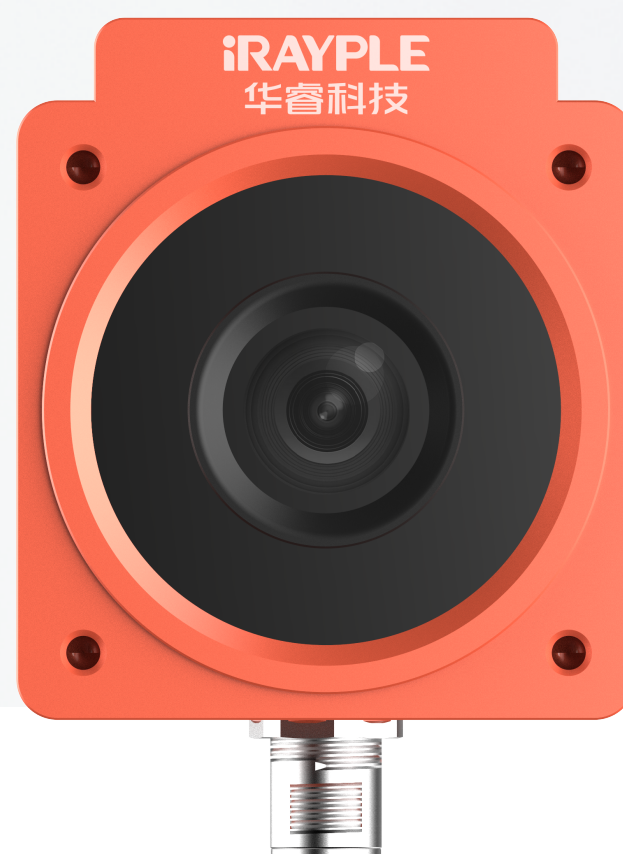


AGV Code Reader

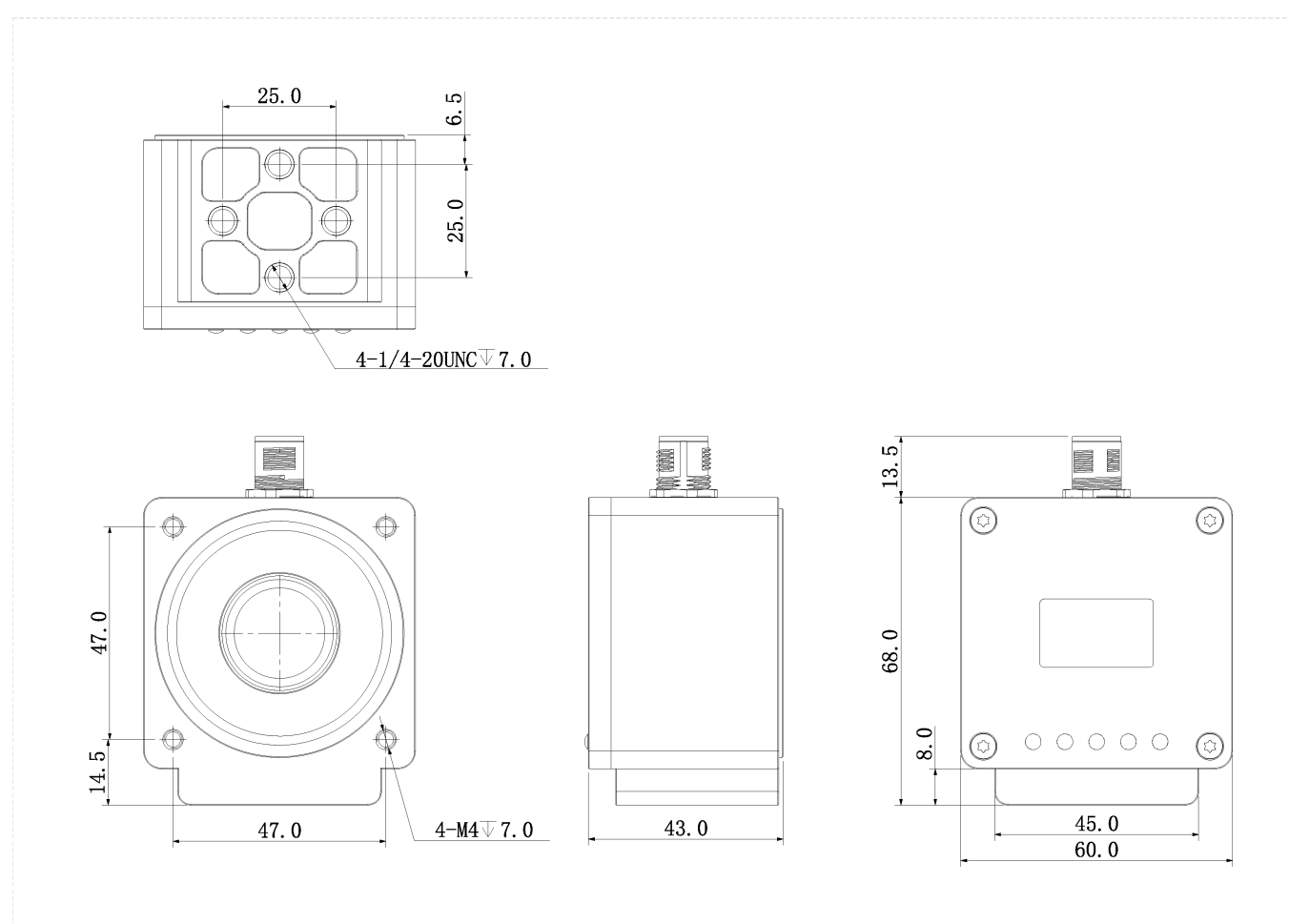
R3138MG011E



Features

- • High performance decode algorithm, can be applied when DM code is under condition of dirty/defect/low contrast during operation.
- • Embedded decode algorithm. High speed/accuracy.
- • Support DM-12&DM-14 and DM code array.
- • Embedded aviation plug, abundant IO interfaces.
- • 5-way indicator for debug and camera status monitoring.
- • Support multiple UserSet parameter save/load/switch.
- • Apply M12 FA lens, supports locating DM code in large FOV.

Dimensions (mm)



Specification

Model		R3138MG011E
Basic	Max. Frame rate	120 fps
	Shutter Mode	Global
	Lens Mount	M12
	Trigger Mode	Single Frame trigger/Software trigger/Free run mode
	Software	SVStudio
	Certifications	CE , FCC , KC
	Function	DM-12&DM-14 , DM4x4
Performance	Focal Length	3 mm
	Working Distance	100 mm
	Field of View (FOV)	132 mm × 110 mm
	Max. Read Speed	125 code/s
	Max. Operating Speed	3 m/s
	Focus Control	Stationarytype
	Light Source Type	WhiteLed
	Depth of Field (DoF)	±20mm
	Angular Accuracy	0.1°
	Displacement Accuracy	0.1mm
Port	Connector	1eaM12connector
	Network Port	100M Ethernet
	GPIO Interface	1 opto-isolated input , 1 opto-isolated output
	Communication Mode	100MEthernet、 RS485
	Communication protocol	SDK , Serial , TCPServer , TCPClient
	LED Indicator	5LEDindicator , SYS、 NET、 Triggerand2user-definedLED
Power	Power Supply	DC24V±10%
	Power Consumption	Disableillumination:<3.5W@24VDC Enableillumination:<7.5w@24VDC
Structure	Product Dimensions	60mm×60mm×43mm(Excludedinterfaceport)
	Packaging Dimensions	164 mm × 122 mm × 91 mm
	Net Weight	<225 g
	Gross Weight	<350 g
	Protection	IP65
	Casing Material	aluminum alloy
Environment	Operating Temperature	-20°C ~ +50°C

Model		R3138MG011E
Environment	Operating Humidity	20% ~ 95% , No condensation
	Storage Temperature	-30℃ ~ +80℃

Connector Pin-out

No.	Signal	Description
1	DC24V	VCC(+)
2	GND	GND
3	OPTO_OUT	Opto output
4	OUT_COM	Opto output GND
5	OPTO_IN	Opto input
6	IN_COM	Opto input GND
7	MDI1+	100Mbps signal MDI1+
8	MDI1-	100Mbps signal MDI1-
9	MDI0+	100Mbps signal MDI0+
10	MDI0-	100Mbps signal MDI0-
11	RS485+/CAN+	RS485 signal+ / CAN signal+
12	RS485-/CAN-	RS485 signal- / CAN signal-

