

▲ DH-MV-R3051MG010E

- Integrated code reading algorithm, high recognition rate and fast speed
- Efficient reading DM-12 & DM-14 2D codes
- Built-in aviation plug, rich IO interface
- Adopt M12 fixed focus lens
- Built-in light, uniform illumination

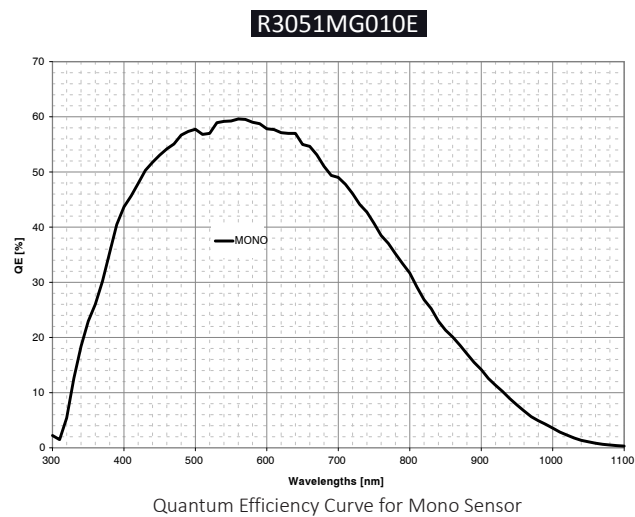


Specification

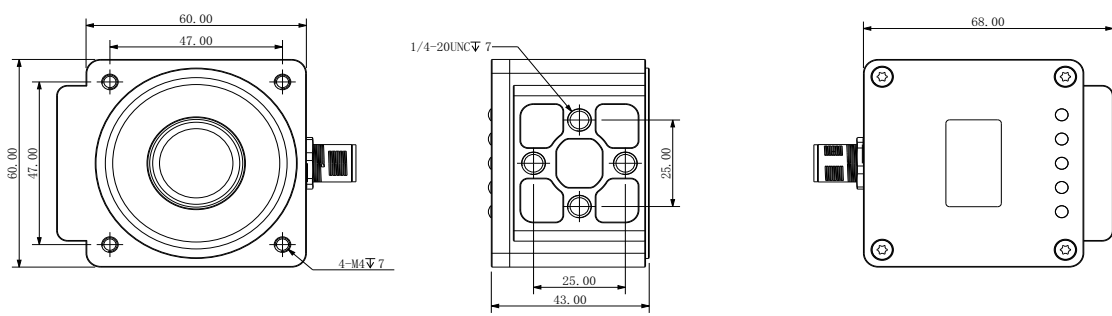
Model	Sensor	Sensor type	Shutter	Resolution	Frame rate (fps)	Bit depth	Interface	Mono/ Color	Pixel size (μ m)	Sensor size
DH-MV-R3051MG010E	PYTHON 480	CMOS	Global	800 x 600	100	10	Ethernet/ Serial	Mono	4.8 x 4.8	1/3.6"

Model	DH-MV-R3051MG010E
Effective Pixels	0.5MP
Memory	512MB LPDDR3
Flash	32MB
Ethernet	100M ethernet
GPIO	M12 : 1 Opto-isolated input, 1 Opto-isolated output, 1 RS485
Communication Mode	100M ethernet, RS485, CAN(optional)
Lens Focal	3.37mm
Working Distance	100mm±20mm
Angle of View	60° * 45°
LED Indicator	5 LED indicators: system, net, trigger & 2 user-defined LED
Dimensions	60mmx68mmx43mm(not including connector)
Weight	< 225g
Power Supply	DC 24V±10%
Power Consumption	Light Off: 2.65W@24VDC, Light Flash: 3.2W@24VDC, Light On: 5.4W@24VDC
Lens Mount	M12
Temperature	Storage temperature: -30° C~ + 80° C; Operation temperature: -20° C~+50° C
Software	Smart Vision Studio
Protection Level	IP64

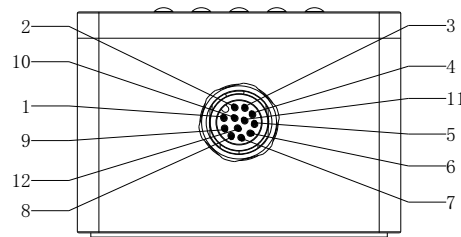
Spectrogram



Dimensions



IO Interface Instruction



Pin	Signal	Description
1	DC24V	DC input +
2	GND	DC ground
3	Opto_OUT	I/O output
4	Out_COM	I/O output ground
5	Opto_IN0	I/O input
6	In_COM	I/O input ground
7	MDI1+	Ethernet signal MDI1+
8	MDI1-	Ethernet signal MDI1-
9	MDIO+	Ethernet signal MDIO+
10	MDIO-	Ethernet signal MDIO-
11	RS485+/CAN+	RS485+/CAN+
12	RS485-/CAN-	RS485-/CAN-