

R5000 Series

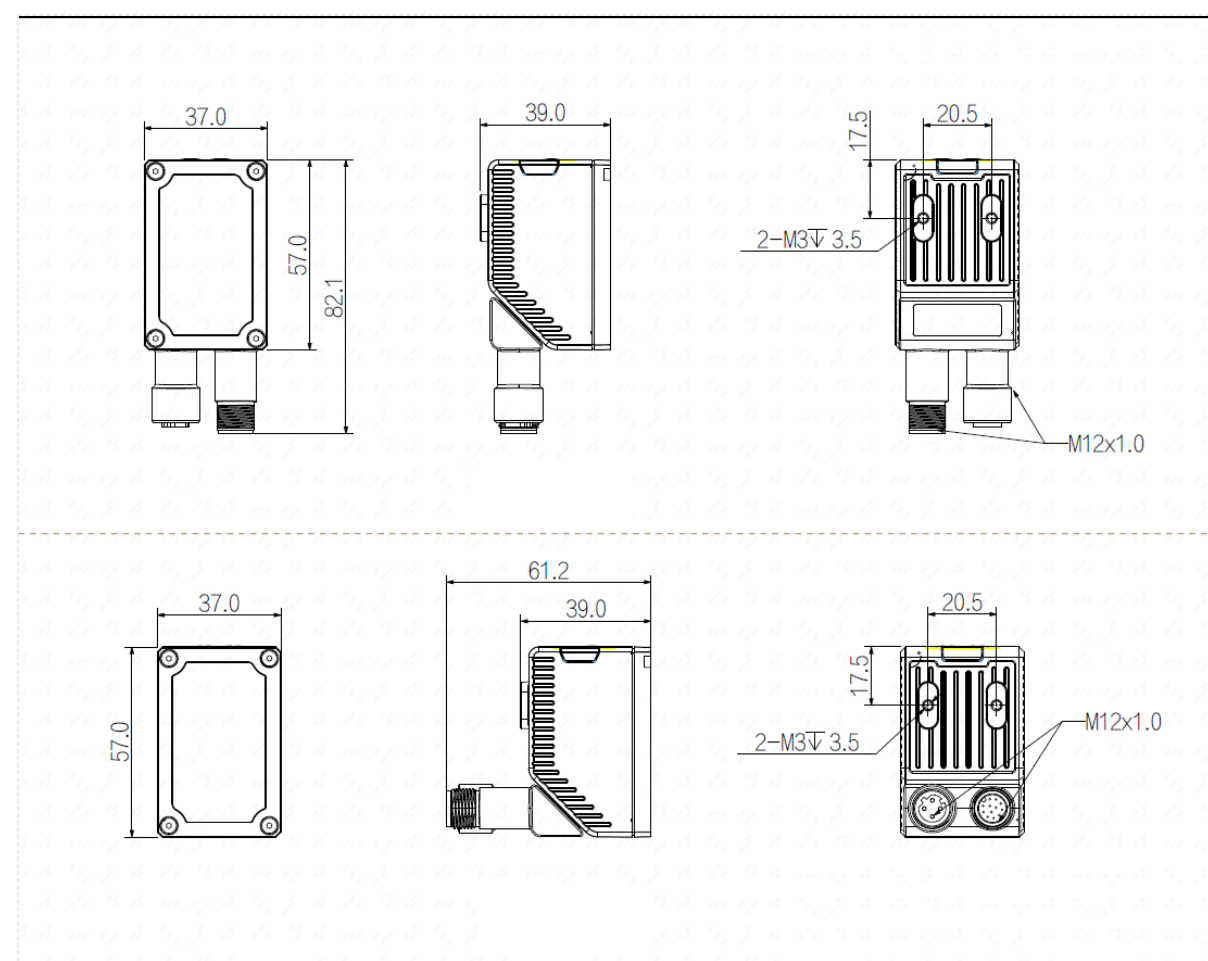
R5050PMG-05M-WGG01E



Features

- Light-integrated design makes red/white illumination optional, support control separately
- Support different focal lengths, electrical auto focus and one-click auto training
- GigE interface, IP67 protection level
- Abundant IO interfaces such as Ethernet, RS232, GPIO, support multiple communication protocols
- Support various code formats and evaluations of code quality
- Built-in deep-learning algorithms and multi-parameters polling to ensure effects of complex applications

Dimensions (mm)



Specification

	Model	R5050PMG-05M-WGG01E
Basic	Resolution	2592 × 1944
	Max. Frame rate	50 fps
	Shutter Mode	Global
	Mono/Color	Mono
	Lens Mount	M10, auto focus
	Trigger Mode	Software trigger/External trigger/Free run modes
	Software	EasyID
	Certifications	CE, KC
	Function	1D: Code 39/Code 93/Code128/CodaBar/EAN8/EAN13/UPCA/UPCE/ITF25/2of5 (Industrial2of5) /standard25/GS1-128 etc. and 2D: Data Matrix/MQR/GS1 DM/GS1QR/PDF417 etc.; Quality Evaluation: ISO/IEC 29158(AIM-DPM), ISO/IEC 15415, ISO/IEC 15416)
	Focal Length	5mm
	Focus Control	Auto focus
	Light Source Type	White, Polarized/Non-polarized/diffuse light
Performance	Working Distance	25-2000mm
	Field of View (FOV)	32mm×24mm-2157mm×1617mm
	Max. Read Speed	100 codes/s
	Max. Operating Speed	3 m/s
	Min. Resolution	1D code 0.02mm/2D code 0.037mm
	Sight	Green light indication
Port	Connector	2 Industrial M12 connectors support GigE and GPIO
	Network Port	100M Ethernet
	GPIO Interface	RS232, 2 Opto-isolated inputs and 3 Opto-isolated outputs
	Communication Mode	RS232, Ethernet
	Communication protocol	SDK,TCP Client,TCP Server,FTP,RS232,Profinet,Modbus,EtherNet/IP,MC(SLMP),FINS/UDP,FINS/TCP
	LED Indicator	Power,Ethernet,Status,Result
Power	Power Supply	16~26V DC, 1A input, suitable for industrial environment
	Power Consumption	<6 W(light included)
Structure	Product Dimensions	57mm× 37mm × 39mm(not including connector)
	Net Weight	< 160 g
	Ingress Protection	IP67
Environment	Operating Temperature	-20°C ~ +50°C
	Operating Humidity	20% ~ 95% (no condensation)

Storage Temperature

-30°C ~ +70°C