

SS5000 Series

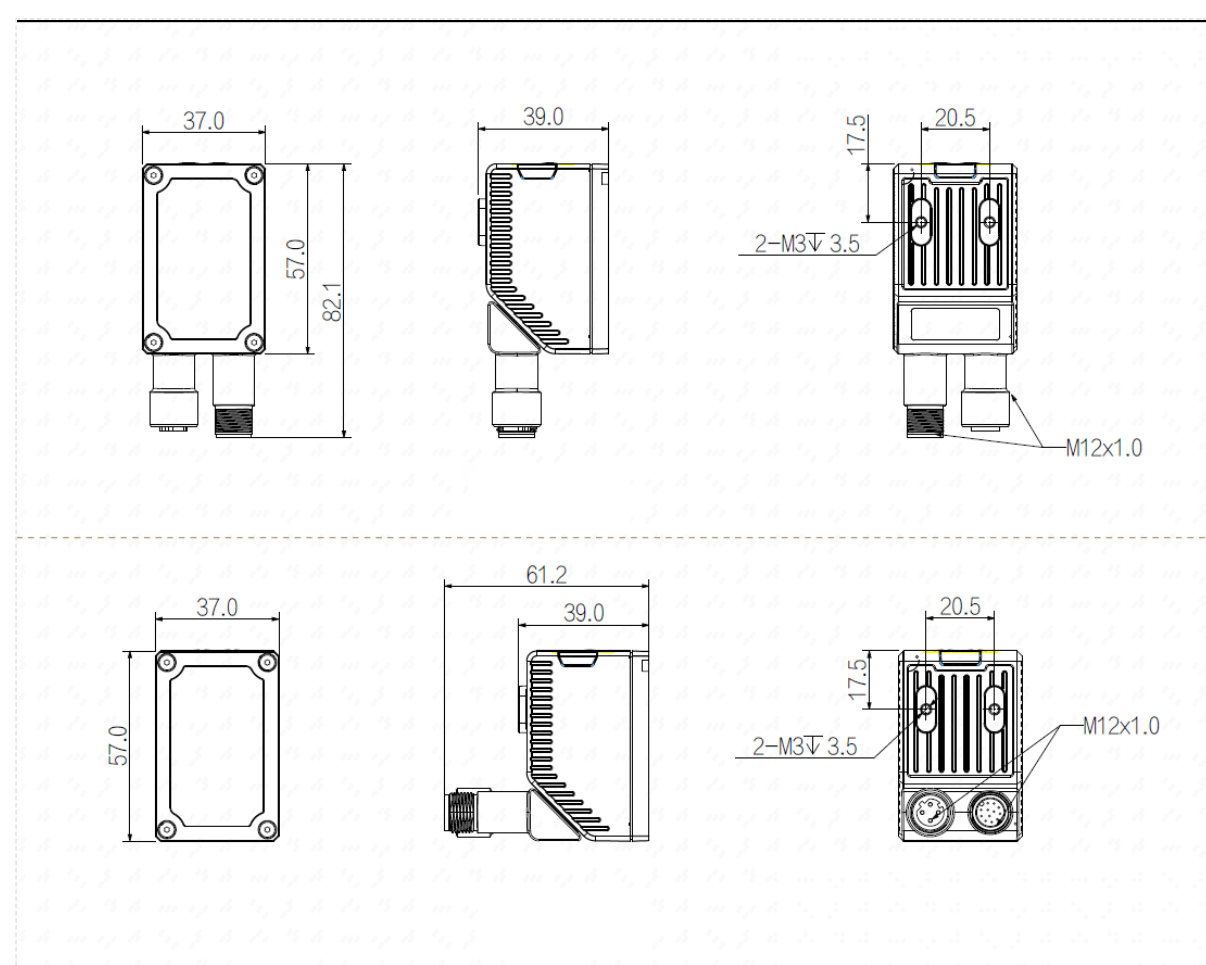
SS5050PCG-12M-WGG01E



Features

- Built-in ultra-high-performance AI processing chip, taking into account ease of use and flexibility while further improving processing efficiency;
- Integrated design, full range of built-in motorized lenses, one-click focusing is easy and convenient;
- Integrated high-power light source module, adapting to various near/medium/far detection scenarios;
- Cross-platform Web access, guided configuration process, easy and convenient for users;
- 100M Ethernet interface, IP67 protection level;
- Abundant IO interfaces such as Ethernet, RS232, GPIO, support multiple communication protocols
- Built-in rich algorithm tools, can achieve object positioning, feature recognition, defect inspection and classification based on deep learning, and more;

Dimensions (mm)



Specification

Model		SS5050PCG-12M-WGG01E
Basic	Resolution	2592 × 1944
	Max. Frame rate	50 fps
	Shutter Mode	Global
	Mono/Color	Color
	Lens Mount	M10, auto focus
	Trigger Mode	Internal Trigger/External Trigger/Ethernet/Serial/Industrial Ethernet
	Software	EasyVS , Web
	Certifications	CE
	Function	Location Tools: PatternMatch AI Tools: AI classification Exist Tools: FindLine; FindCircle; BlobExist Count Tools: BlobCount Measure Tools: Grayscale area; Contrast; Brightness; EdgeWidthTool Detection Tools: ContourCompare Recognition Tools: DataCode; BarCode; OCR Logic Tools: LogicCheck; ConditionCheck; Mathematical; StringComparison
	Focal Length	12mm
	Focus Control	Auto focus
	Light Source Type	White, Polarized/Non-polarized/diffuse light
Performance	Working Distance	50-2000mm
	Field of View (FOV)	21mm×16mm-929mm×697mm
	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	TCP Client, TCP Server, UDP, FTP, RS232, Profinet、Modbus TCP、EtherNet/IP
	LED Indicator	Power,Ethernet,Status,Result
Power	Power Supply	16V~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
	Casing Material	Aluminum alloy + Front cover
Environment	Operating Temperature	-20℃~+50℃
	Operating Humidity	20% ~ 95% (no condensation)
	Storage Temperature	-30℃~+70℃