

SS4000 Series

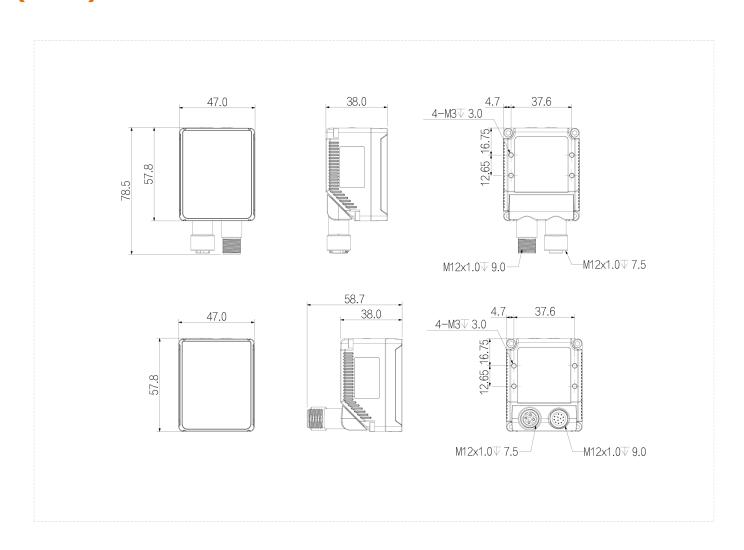
SS4013CG-07M-WGG01E



Features

- Web based operation, flexible for debugging and deployment;
- AI enabled classification tool, ease to use;
- Integrated 1 dimensional and 2 dimensional code reading;
- Built in pattern match tool to realize presence/absence, front/back, counting and other inspection tools;
- Various GPIO interface, support numerous communication protocols;
- Auto focus, one click auto-focusing;
- IP65 protection level;

Dimensions (mm)





Specification

Model		SS4013CG-07M-WGG01E		
	Resolution	1280 × 1024		
	Max. Frame rate	60fps		
	Shutter Mode	Global		
	Mono/Color	Color		
	Lens Mount	M12, auto focus		
	Trigger Mode	Software/external/free run etc.		
D	Software	EasyVS, Web		
Basic	Certifications	CE, UKCA, KC		
	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; ColorRecog Logic Tools: LogicChec ConditionCheck; Mathematical; StringComparison		
	Focal Length	7 mm		
	Light Source Type	White, 1-channel diffused and 1-channel polarized and 1-channel transparent light		
	Focus Control	Auto focus		
Doutousson	Working Distance	50-500mm		
Performance	Field of View (FOV)	116×92 mm @150mm		
	Connector	2 industrial M12 connectors, Ethernet and GPIO		
	Network Port	100M Ethernet		
Dort	GPIO Interface	RS232, 2 Opto-isolated inputs, 3 Opto-isolated outputs		
Port	Communication Mode	RS232, Ethernet		
	Communication protocol	TCP Client, TCP Server, UDP, FTP, RS232, Profinet; Modbus TCP; EtherNet/IP		
	LED Indicator	Power, Ethernet, Result		
Power	Power Supply	Support 9~26VDC, 1.5A input		
	Power Consumption	<14W		
Structure	Product Dimensions	47mm×58mm×38mm (excluding connectors)		
	Net Weight	<180 g		
	Protection	IP65		
	Casing Material	Aluminum alloy (excluding front cover)		
Environment	Operating Temperature	-20°C ~ +50°C		
	Operating Humidity	20% ~ 95%, non-condensing		
	Storage Temperature	-30°C ~ +70°C		



Connector Pin-out

12 pin-out on camera:						
Pin	Signal	Description	Cable Color			
1	OPT_OUT2	Opto-isolated output2		Brown white		
2	RS232_TXD	RS232 serial send		Grey		
3	RS232_RXD	RS232 serial receive	•	Purple		
4	SIGNAL_GND	RS232 serial GND		Black white	12-pin assignment on camera	
5	OPT_IN1	Opto-isolated input1	_	Yellow	1	
6	OPT_IN_GND	Opto-isolated input GND		Purple white	2	
7	POWER	Power	-	Red	3	
8	POWER_GND	Power GND		Black	11	
9	OPT_OUT_GND	Opto-isolated output GND	•	Green	4	
10	OPT_IN0	Opto-isolated input0	-	Orange		
11	OPT_OUT0	Opto-isolated output0		Blue		
12	OPT_OUT1	Opto-isolated output1		Brown		
-	-	Shield GND		White		