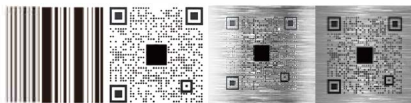


Standard type 1D / 2D barcode scanners XR-1000 series



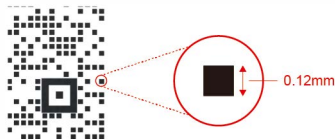
Reliable reading of 1D and 2D codes

1D / 2D barcode, stable reading regardless of barcode status.



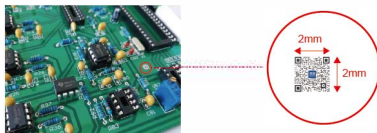
1 million pixel processor for minimum resolution of 0.12mm

1 megapixel processor, latest technology ensures stable reading.



High-speed dynamic reading at speeds up to 100 codes/second

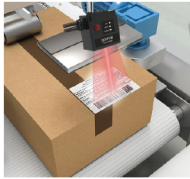
Built-in new reading algorithm, can efficiently read a variety of code system barcode and DPM code, reading speed up to 100 codes / sec, 2 * 2mm miniature barcode can also be easily read.



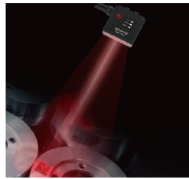
Support rich communication protocols

Rich IO interface, access to multiple inputs and signal outputs, support for RS232 serial transmission protocol, Ethernet (TCP / IP).

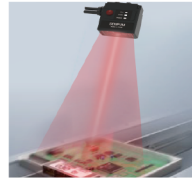
Application



Reading logistics information



Production process traceability



ECU part traceability

Specs

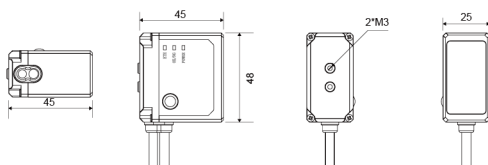
Main body

Model		XR-1000S	XR-1000M	XR-1000L
Operating distance		70mm	100mm	150mm
Pixel count		1280p(H)×800p(V)		
Vision		52°32'	76°47'	116°72'
Minimum decode		1D: 0.06mm(2.39mil)	1D: 0.14mm(5.51mil)	1D: 0.13mm(5.11mil)
		2D: 0.12mm(4.79mil)	2D: 0.19mm(7.48mil)	2D: 0.27mm(10.62mil)
Depth of field	Bar code	3*3mm, 9.17mil(depth: ±10mm)	5*5mm, 15.83mil(depth: ±30mm)	5*5mm, 15.83mil(depth: ±20mm)
	QR code	5*5mm, 15.83mil(depth: ±20mm) 10*10mm, 29.17mil(depth: ±30mm)	10*10mm, 29.17mil(depth: ±50mm)	10*10mm, 29.17mil(depth: ±80mm)
Light source		High-brightness red light source		
Angle of view		40°		
Sensitivity		Tilt/Pitch ±65° swivel/Yaw 360° deflection/ROI ±60°		
Motion tolerance		2M/s		
Area decode		Supports multiple ROI area decode		
Communication specification		RS232, ethernet (TCP/UDP/Modbus/Ethernet)		
Read specification	Bar code	UPC, EAN, IAN, Code 128, Code 39, Code 93, Interleaved 2 of 5, industrial 2 of 5		
	QR code	QR Code, PDF 417, data matrix, aztec		
External input		1 opto-isolated input, connectable to NPN/PNP/Relay		
External output		1 opto-isolated output		
Ambient temperature		Operating temperature: 0°C~50°C, storage temperature: -20°C~70°C		
Protection class		IP54		
Vibration resistance		1.2 meter concrete floor, free fall, 6 sides x 5 times/≈30 times		
Ambient light		100000Lux		
Case material		Aluminum		
Consumption current		2W max		
Supply voltage		5-30VDC		
Dimension (L×W×H mm)		45 × 25 × 48		
Weight		80g		
Communication line length		Standard 3M, extendable		
Power cable length		Standard 2M, non-extendable		

Highly flexible cable

Appearance	Cable length	Model
	3M	OW-XR3000
	5M	OW-XR5000
	10M	OW-XR10M

Dimensional Specifications



Unit: mm

SENPU
1466