



**NEW!**



Appearance				
Resolution(HxV)	1280 × 800			
Frame rate	60			
Shutter	Global Shutter			
Color/Monochrome	Monochrome			
Max.speed	60/sec			
Exposure time	20 us ~ 10000 us			
Gain	0 dB ~ 256 dB			
Pixel size	3 um x 3 um			
Image size	1/4"			
Focus mode	Mechanical Focusing			
Focal length	8mm	12mm	16mm	
Code distance	100 ~ 1000mm			
FOV	Maximum480mm*300mm ( @1000mmdistance, 8mmFocal length )			
Types of code	One-dimensional code: Code 39, Code93, Code128, EAN-8, EAN-13, Interleaved 2 of 5, UPC;Two-dimensional code: QR code, DataMatrix			
Position indicator	1 green light dots indicate the central area of the scanning position			
Position indicator	5 status LEDs and buzzer			
Light source	Unpolarized red light, unpolarized white light, polarized red light, polarized white light			
Input control	Two-way optocoupler isolated input, support NPN, PNP type			
Output control	Three-way non-isolated NPN output			
Communications Protocol	TCP Server, TCP Client, ModBus TCP, ModBus RTU, Profinet, MELSEC/SLMP, Serial			
Communication interface	RS232, Ethernet			
Power supply	24 VDC			
Power consumption	15W			
Size	58*53.5*69mm			
Weight	about 220g			
Working temperature	0 ~ 45° C			
Storage temperature	-20 ~ 70° C			
Humidity	5% ~ 95%RH (non-condensing)			
Protection degree	IP67			
Model	Non-reddish light	<a href="#">RCD-AI100-X08R</a>	<a href="#">RCD-AI100-X12R</a>	<a href="#">RCD-AI100-X16R</a>
	Non-polarized white light	<a href="#">RCD-AI100-X08W</a>	<a href="#">RCD-AI100-X12W</a>	<a href="#">RCD-AI100-X16W</a>
	Polarized red light	<a href="#">RCD-AI100-X08RD</a>	<a href="#">RCD-AI100-X12RD</a>	<a href="#">RCD-AI100-X16RD</a>
	Polarized white light	<a href="#">RCD-AI100-X08WD</a>	<a href="#">RCD-AI100-X12WD</a>	<a href="#">RCD-AI100-X16WD</a>

### Size specification

Unit: mm

