



Appearance						
Resolution	2448x2048					
Frame rate	30					
Shutter	Global					
Color/B&W	Black and White					
Exposure time	20us~1sec					
Pixel size	2.74 um x 2.74 um					
Image size	1/1.8"					
Focus mode	Mechanical Focus			Liquid Focus		
Focal Length	M Port: 8mm	M Port: 12mm	M Port: 16mm	M Port: 25mm	Liquid: 16mm	
Code distance	100~2000mm (@8/12/16mm) 200~2000mm(@25mm)					
FOV	1D code: Code 39, Code93, Code128, EAN-8, EAN-13, Interleaved 2 of 5, UPC, Pharmacoce; 2D code: QR code, DataMatrix					
Types of code	1 Green Light Point Indicating the Center Area of the Detection Position;1 Distance Sensor for Focus Assistance					
Position indicator	5 status LEDs and buzzer					
Polarizer	Standard light sources are available in unpolarized and semi-polarized options and bright light sources are available in unpolarized models					
Light source	Red/White Light Source is Available					
Input control	Two Input Control, Photocoupler Isolation-Support NPN and PNP					
Output control	Triple Output Control, Photocoupler Isolation					
Communications Protocol	TCP Server、TCP Client、ModBus TCP、ModBus RTU、Profinet、Ethernet/IP、MELSEC/SLMP、Fins、Serial					
Communication interface	RS232、Ethernet					
Power supply	24 VDC					
Power consumption	15W					
Weight	Standard Light Source: Approx. 550g; Power Light Source: Approx. 750g					
Working temperature	0 ~ 45° C					
Storage temperature	-20 ~ 70° C					
Humidity	5% ~ 95%RH (Non-condensing)					
Protection degree	IP67					
Model	Non-Polarized red light	RCD-AI500-X08R	RCD-AI500-X12R	RCD-AI500-X16R	RCD-AI500-X25R	RCD-AI500-Q16R
	Non-polarized white light	RCD-AI500-X08W	RCD-AI500-X12W	RCD-AI500-X16W	RCD-AI500-X25W	RCD-AI500-Q16W
	Polarized red light	RCD-AI500-X08RD	RCD-AI500-X12RD	RCD-AI500-X16RD	RCD-AI500-X25RD	RCD-AI500-Q16RD
	Polarized white light	RCD-AI500-X08WD	RCD-AI500-X12WD	RCD-AI500-X16WD	RCD-AI500-X25WD	RCD-AI500-Q16WD
	Non-Polarized red light (High power)	RCD-AI500-X08RH	RCD-AI500-X12RH	RCD-AI500-X16RH	RCD-AI500-X25RH	RCD-AI500-Q16RH
	Non-polarized white light (High power)	RCD-AI500-X08WH	RCD-AI500-X12WH	RCD-AI500-X16WH	RCD-AI500-X25WH	RCD-AI500-Q16WH