

# Intelligent code reader

## RCD-AI100 · S Series



**NEW!**



Appearance			
Resolution	1280 × 800		
Frame Rate	60		
Shutter	Global Shutter		
Color / B&W	B&W		
Maximum read speed	60/sec		
Exposure time	20 us ~ 10000 us		
Gain	0 dB ~ 256 dB		
Pixel size	3 um × 3 um		
Target surface size	1/4"		
Focusing method	Liquid Focusing	Manual Focusing	
Focal length	6mm		
Code reading distance	40 ~ 300mm	30 ~ 300mm	
Field of view	Max. 192mm*120mm (@300mm distance)		
Bar Code Category	One-dimensional code: Code 39, Code93, Code128, EAN-8, EAN-13, Interleaved 2 of 5, UPC; Two-dimensional code: QRcode, DataMatrix		
Location indicatio	2 green light dots indicate the central area of the scanning position		
Status indication	3 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		
Communication Protocol	TCP Server, TCP Client, ModBus TCP, ModBus RTU, Profinet, MELSEC/SLMP, Serial		
Communication Interface	RS232, Ethernet		
Power input	24 VDC		
Power consumption	5W		
Dimension	47*25*43mm		
Weight	About 100g		
Operating temperature	0 ~ 45° C		
Storage temperature	-20 ~ 70° C		
Humidity	5% ~ 95%RH (non-condensing)		
Protection degree	IP67		
Model	Non-reddish light	RCD-AI100-SQ06R	RCD-AI100-SH06R
	Non-polarized white light	RCD-AI100-SQ06W	RCD-AI100-SH06W
	Polarized red light	RCD-AI100-SQ06RD	RCD-AI100-SH06RD
	Polarized white light	RCD-AI100-SQ06WD	RCD-AI100-SH06WD

### Size specification

Unit: mm

