



SR-510

Compact 2D Code Reader, Medium-distance Type

**[Discontinued model]**

This model has been discontinued.

Recommended Replaceable Products

- Ultra-compact 1D and 2D Code Reader
SR-700 series

To contact us:

1-888-539-3623

SPECIFICATIONS

Model	SR-510		
Type	Middle-range		
I/O specifications	Trigger/preset input	No-voltage input (with contacts, without contacts) for each input * TTL input is also possible.	
	Judgement output	Output	4-output (OK, NG, ERROR, and BUSY) NPN open collector
		Rated load	24 VDC, 30 mA
		Leakage current (at OFF)	0.1mA or less
		ON residual voltage	0.8V or less
	Serial interface	Communication method	Conforms to EIA RS-232C
		Communication speed	9,600, 19,200, 38,400, 57,600, 115,200 bps
		Synchronization between the transmitter and receiver	Asynchronous
		Data bit length	7 or 8 bits
Stop bit length		1 bit or 2 bits	
Parity check	None, odd, even		
Laser pointer specifications	Light source	Visible semiconductor laser (655 nm)	
	Output	600 μW	
	Pulse duration	200 μs	
Reading specifications	Reading distance (typical examples)	Barcode: 60 to 110 mm (narrow bar width: 0.127 mm), 60 to 180 mm (narrow bar width: 0.25 mm), 55 to 250 mm (narrow bar width: 0.5 mm); 2D code: 55 to 125 mm (cell size: 0.25 mm), 60 to 140 mm (cell size: 0.33 mm), 45 to 180 mm (cell size: 0.5 mm)	
	Reading view range	60.9 × 45.6 mm (distance: 100 mm), 116.3 × 87.2 mm (distance: 200 mm)	
Laser pointer specifications	Laser Class	Class 1 (JIS C6802)	
Readingspecifications	Supported codes	CODE39; ITF; Industrial 2 of 5; COOP 2 of 5; NW-7; CODE128; GS1-128 (EAN-128); CODE93; JAN, EAN, UPC (add-on code support); Trioptic CODE39; GS1 Databar (RSS); QR code; Micro QR; DataMatrix (ECC200); PDF417; MicroPDF; MaxiCode; composite symbol (CC-A, CC-	
	Minimum resolution	Barcode: 0.127 mm, 2D code: 0.25 mm	
Rating	Voltage	5 VDC + 5% to 10%	
	Current consumption.	400mA or less	
Environmental resistance	Enclosure rating	IP65	
	Operating temperature range	0 to +45°C 32 to 113°F	
	Ambient temperature for storage	-10 to +50°C 14 to 122°F	
	Operating ambient humidity	35 to 85%RH (no condensation)	
	Operating ambientluminance	Sunlight: 10000 lux, Incandescent lamp: 6000 lux, Fluorescent lamp: 2000 lux	
	Operating environment	No dust or corrosive gas present	
Vibration	10 to 55 Hz, 1.5 mm 0.06" double amplitude for 3 hours in each of the X, Y, and Z directions		
Weight	Approx. 274 g (including the cable)		

Dimensions

SR-500

