



SR-D100H

Fixed-type 2D Code Reader, High-resolution Type



*Please note that accessories depicted in the image are for illustrative purposes only and may not be included with the product.

This model has been discontinued.

Compliance with the certification standard is ensured as of the time of shipment from our company.

Contact Us: 1-888-539-3623

Recommended Replaceable Products: [AI-Powered Code Reader - SR-X series](#)

Specifications

Model		SR-D100H
Type		High-resolution type
Internal memory	RAM	Max. saved images: 80
	ROM	Max. saved images: 1000
Illumination	Light source	High-intensity red LED
Reading	Supported codes	QR, MicroQR, DataMatrix (ECC200), GS1 DtaMatrix
	Focal distance	85 mm 3.35"
	Cell size (focal position)	0.063 mm 0.002"
	View range (focal position)	13.5 × 8.6 mm 0.53" × 0.34"
Serial communication	Communication standard	RS-232C compliant
	Communication speed	9600, 19200, 38400, 57600, 115200 bps
	Supported protocols	Procedureless, MC protocol, SYSWAY, KVSTUDIO
Ethernet	Communication standard	Complies with IEEE802.3/100Base-TX
	Protocol	TCP/IP, EtherNet/IP™, PROFINET, MC protocol, KVSTUDIO, FTP, BooTP
Input terminals	Number of terminals	2
	Input format	Two-way voltage input
	Max. rating	26.4 VDC
	Min. on voltage	15 VDC
	Max. off voltage	0.2 mA or less
Output terminals	Number of terminals	3
	Output format	PhotoMOS relay
	Max. rating	30 VDC
	Max. load current	1-output max.: 50 mA, 3-output total: 100 mA
	OFF leak current	0.1 mA max.
	ON residual voltage	1 V max.
Rating	Power voltage	24 VDC ±10 %
	Current consumption	600 mA (SR-D100 Series standalone), 1,100 mA (with SR-DR15 attached), 850 mA (with SR-DR10 attached), 800 mA (with SR-DS3 attached)
Environmental resistance	Enclosure rating	IP65
	Ambient light	Sunlight: 10,000 lux, Incandescent lamp: 6,000 lux, Fluorescent lamp: 2,000 lux

	Ambient temperature	0 to +45 °C 32 to 113 °F
	Relative humidity	35 to 95 % RH (No condensation)
	Operating environment	No dust or corrosive gases present
	Vibration resistance	10 to 57 Hz, Double amplitude 0.75 mm 0.030", 3 hours in each of the X, Y, and Z directions
Weight		Approx. 300 g (including diffuser plate)

Dimensions

* Download CAD file or product manual for larger image/text and more detail.

