

Swiss QR Code-Scanner SwissReader SR-100QR

Optical & Performance

Light Source	640nm visible red LED 5000K CCT White LED
Sensor	Array Image Sensor
Scan Rate	30 Frames/Sec
Resolution	5mil (Code39/ 1D barcode) 6.67Mil (PDF417/ 2D barcode)
Scan Angle Horizontal	37.8°
Vertical	28.8°
Pitch Angle	±45°
Skew Angle	±45°
Roll Angle	360°
Print Contrast	30%
Width of Field	116mm (13Mil Code39)
Typical D.O.F*	(@ 800 Lux)
Code39 : 5 Mil	36~159 mm, 20 Mil: 45~486 mm
UPC : 13 Mil	46 ~ 325 mm
QR Code	20 Mil : 38 ~ 248 mm, Data Marix, 10 Mil : 33 ~ 131 mm
PDF417	6.67 Mil : 36 ~ 132 mm



Physical Characteristics

Dimension	L166 x W71 x H84 mm
Weight	172g
Color	Black or White
Material	ABS
Connector	USB Type A
Cable	2.1M (Fixed Cable)
Trigger	Scan Button
Indicator	LED, Buzzer, Vibrator

Power

Operation Voltage	5 VDC ± 5%
Working Current	< 210mA
Standby Current	< 85mA

Connectivity

Interface/ Profile	USB HID, USB VCP
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Postal Codes

Australian Post, British Post, Canadian Post, China Post, Japanese Post, Korea Post, Netherlands Post, Planet Code, Postnet

User Environment

Operating Temper.	-10 ~ 40°C
Storage Temper.	-20 ~ 65°C
Humidity	0% ~ 95%RH (Non-condensing)
Drop Durability	1.5 M
Sealing	IP42
Ambient Light	100,000 Lux (Sunlight)

1D Symbolologies

Code 39, Full ASCII Code39, Code 32, Codabar, Interleaved 2 of 5, IATA 2 of 5, Matrix 2 of 5, Industrial 2 of 5, NEC 2 of 5, Code 11, MSI, EAN-8, EAN-13, UPC-A, UPC-E, Code 93, Code 128, ISBT 128, EAN/UCC/GS1 128, GS1 Databar, GS1 Composite

2D Symbolologies

Codablock A, Codablock F, PDF417, MicroPDF417, Aztec Code, Data Matrix, MaxiCode, QR Code, Micro QR Code, Chinese Sensible (Han Xin) code

Regulatory

ESD	Functional after 4KV contact, 8KV Air discharge
EMC	FCC Part 15B Class B, CE EN55024/32
Safety Approval	EN/IEC62471 (Exempt Group)
Environmental	WEEE, RoHS 2.0