



MT8200S 2D Handheld Scanner

MT8200S is a 2D handheld scanner which decodes major 2D barcodes as well as all major 1D barcodes. It is designed to achieve the efficient and affordable barcode scanning solution. This cost-effective, reliable handheld scanner is an ideal choice for a variety of applications, including ticketing, access control, mobile payment and manufacturing.

Reliable Barcode Data Capture

- Read major 1D and 2D barcodes in the market
- Screen barcode scanning capability
- Ruggedized design and 1.5M drop resistance
- Affordable barcode scanning solution

Easy and Flexible Operations

- Rubber Bezel
- Reliable



Optic & Performance	
Light Source	White LED Red LED dot aimer
Sensor	Array Image Sensor
Scan Rate	10 Frames/Sec
Resolution	5Mil
Scan Angle	Horizontal 34°, Vertical 26°
Pitch / Skew / Roll Angle	±65° / ±60° / 360°
Print Contrast Ratio	30%
Width of Field	97 mm (13Mil Code39)
Typical D.O.F (@800 lux)	UPC/EAN 13 Mil : 40 ~ 230 mm QR Code 15 Mil : 11 ~ 159 mm
Physical Characteristics	
Dimension	W71 x L166 x H84 mm
Weight	172g
Color	Black
Material	ABS
Connector	USB Type A
Cable	2.1M (Fixed Cable)
Trigger	Scan Button
Indicator	LED, Buzzer
Electrical	
Operation Voltage	5 VDC ± 5%
Working Current	< 100mA
Standby Current	< 50mA
Connectivity	
Interface/ Profile	USB HID
User Environment	
Operating Temperature	-10 ~ 40°C
Storage Temperature	-20 ~ 65°C
Humidity	0% ~ 95% RH (Non-condensing)
Drop Durability	1.5M
Sealing	IP42
Ambient Light	100,000 Lux (Sunlight)
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	RoHS 2.0, WEEE
Symbologies	
1D	UPC-A/UPC-E, EAN-8/EAN-13, Industrial 2 of 5, Codabar, Matrix 2 of 5, Code 11, Code 32, Code 93, Code 128, Code 39, Interleaved 2 of 5, MSI Plessey Code, EAN/GS1-128, GS1 Databar
2D	QR Code, Data Matrix, PDF 417

* All specifications are subject to change without notice.



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