



MT8250P 2D Handheld Scanner

Designed to serve as an efficient and affordable barcode scanning solution, MT8250P 2D handheld scanner decodes all major 2D barcodes as well as 1D barcodes. Due to its reliability and cost-effectiveness, MT8250P is the optimal choice for various applications, including retail point of sale, e-ticket, manufacturing and mobile payment.

Increasing Freedom of Mobility

- Read all major 2D barcodes on the market
- On-screen barcode scanning capability
- Ruggedized design and 1.5M drop resistance
- Ideal for indoor and outdoor applications

Easy and Flexible Operations

- Rubber Bezel
- Ergonomic Housing



Optic & Performance	
Light Source	white LED, visible red LED
Sensor	1280 x 800
Resolution	3Mil / 0.075mm
Scan Angle	Horizontal 40° Vertical 30°
Pitch / Skew / Roll Angle	±60° / ±50° / ±360°
Print Contrast Ratio	20%
Typical D.O.F (@800 lux)	UPC/EAN 13 Mil : 30 ~ 398 mm
Physical Characteristics	
Dimension	L166 x W71 x H84 mm
Weight	172g
Color	Black or White
Material	ABS
Cable	2.1M (Fixed Cable)
Trigger	Scan Button
Indicator	LED, Buzzer
Electrical	
Operation Voltage	5.0 VDC
Working Current	< 250mA
Standby Current	70mA
Connectivity	
Interface/ Profile	USB HID, USB VCP
User Environment	
Operating Temperature	-20 ~ 55°C
Storage Temperature	-20 ~ 65°C
Humidity	0% ~ 95% RH (Non-condensing)
Drop Durability	1.5 M
Sealing	IP42
Ambient Light	100,000 Lux (Sunlight)
Regulatory	
ESD	Functional after 4KV contact, 8KV Air discharge
EMC	FCC Part 15B Class B, CE EN55032/35
Safety Approval	EN/IEC62471 (Exempt Group)
Environmental	RoHS 2.0
Symbologies	
1D	UPC-A/ UPC-E, EAN-8/ EAN-13, Code128, GS1-128, Code 39, Code32, Code 93, Code11, Interleaved 2 of 5, Matrix 2 of 5, Industrial 2 of 5, Codabar, MSI, GS1 Databar
2D	QR Code, Micro QR Code, Data Matrix, PDF417, MicroPDF 417, Aztec, MaxiCode

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