

Handheld Scanner

MT8250P 2D Handheld Barcode Scanner

MT8250P is a 2D handheld scanner designed to achieve efficient and affordable barcode scanning solution. MT8250P decodes major 2D barcodes as well as all major 1D barcodes. This reliable, cost-effective handheld scanner is an ideal choice for a variety of applications, including access control, ticketing, manufacturing and mobile payment.

- Read all major 2D barcodes in the market
- On-screen barcode scanning capability
- Ruggedized design and 1.5M drop resistance
- Ideal for Indoor and Outdoor Applications



Snappy 1D & 2D Barcode Data Capture

MT8250P 2D handheld barcode scanner delivers superior scanning in any orientation, which benefits enterprise with less downtime and increased productivity. At an average of 1/10 seconds, MT8250P scans all linear barcodes and major 2D barcodes printed on labels with either matte or glossy surface, or displayed on mobile phone or LCD screen.

Free from Environmental Interference

MT8250P 2D handheld barcode scanner is ideal for both indoors and outdoors scanning applications which require more immunity for ambient light. By automatically adjusting its parameters for optimal scanning performance MT8250P 2D handheld scanner provides the freedom to scan barcodes from under complete darkness to direct sunlight.

Better User Experience

MT8250P features automatic switching to Auto-sensing Mode when placed on MT610s Auto Stand, haptic feedback as extra Good Read indication and the configuration capability by Marson's free user-friendly software tool, Ez Utility[®]. With these features MT8250P provides individual the experience of maximum comfort as well as optimal performance as a result.

Ruggedized Protection

The industrial-class design of MT8250P 2D handheld barcode scanner includes ruggedized protection with 1.5 meters drop resistance and a rubber bezel in the front which ensure that MT8250P withstand the impact of everyday drops and bumps and prevent the scanner window from any damage or scratch in the harshest working environments.

On-screen Barcode Scanning

With enhanced optical design and latest decode algorithm, MT8250P virtually scans all 1D and 2D barcodes on any surface, either paper-based label or mobile phone display. As a result users may expand their business into many new applications such as eCoupon, eTicket, Digital ID cards and mobile payments.



Specifications

Optical & Performance	Light Source	white LED, visible red LED bar
	Sensor	1280 x 800
	Scan Rate	120 Frames/Sec
	Resolution	3mil/ 0.075mm
	Scan Angle	Horizontal 40°, Vertical 30°
	Pitch Angle	±60°
	Skew Angle	±50°
	Roll Angle	360°
	Print Contrast	25%
	Width of Field	141mm (13Mil Code39)
	Typical D.O.F* (@ 800 Lux)	Code39 5 Mil : 22 ~ 216 mm UPC/EAN 13 Mil : 30 ~ 398 mm QR Code 15 Mil : 20 ~ 235 mm PDF417 6.67 Mil : 29 ~ 149 mm Data Matrix 10 Mil : 26 ~ 145 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	5.0 VDC
	Working Current	< 370mA
	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	70,000 lux (Sunlight)
Decode Capability	1D Symbolologies	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 Symbolologies	QR Code, Micro QR Code, Data Matrix, PDF417, MicroPDF417, Aztec
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

* All Specifications are subject to change without notice.



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