



MT840 2D Wireless Scanner

With built-in Bluetooth® 5.0 technology, MT840 2D mini barcode scanner can send data to the host up to 20 meters away. This pocket-sized lightweight wireless 2D barcode scanner is a dexterous mini companion for mobile POS which works on laptops, tablets, smart phones or other mobile devices with iOS®, Android® and Windows®.

Increasing Mobile Productivity

- Mini size (W25.6 x L65.6 x H18.2 mm) & lightweight (26.7g)
- Bluetooth 5.0 technology with up to 20 meters range
- 2MB flash memory stores up to 20,000 barcodes offline
- Battery life over 8 hours (6,000 scans) per full charge
- Reads all major 1D and 2D barcode in the market

Easy and Flexible Operations

- Indicators : LED, Buzzer
- Interfaces : BT HID/ BT SPP/ USB HID/ USB VCP/Memory



Optic & Performance

Light Source	White LED, Visible red LED
Sensor	640 x 480
Resolution	5Mil/ 0.125mm (1D), 10Mil/ 0.25mm (2D)
Scan Angle	H37° x V27.5°
Pitch / Skew / Roll Angle	±60°/ ±60°/ ±360°
Print Contrast Ratio	25%
Width of Field	141 mm (13Mil Code39)
Memory	2MB (20,000 EAN-13)
Typical D.O.F (@800 lux)	UPC/ EAN 13Mil: 50 ~ 317 mm

Physical Characteristics

Dimension	W25.6 x L65.6 x H18.2 mm
Weight	26.7g
Color	Black
Material	PC
Cable	Mini(M) to USB A(M) Cable, 1.5M
Trigger	Scan Button
Indicator	LED, Buzzer

Electrical

Operation Voltage	3.7 VDC ± 5%
Working Current	< 210mA
Standby Current	< 25mA
Battery	3.7V, 350mAh, Li-Polymer Battery
Number of Scan (per full charge)	6,000 scans (1 scan/ 5 secs, Bluetooth® connected)

Connectivity

Radio	Bluetooth® 5.0 (Class 2)
Range	66 ft/ 20M (line of sight)
Interface/ Profile	BT HID, BT SPP, USB HID, USB VCP, Memory

User Environment

Operating Temperature	-10 ~ 50°C
Storage Temperature	-20 ~ 60°C
Humidity	0% ~ 95% RH (Non-condensing)
Drop Durability	1.5M
Ambient Light	70,000 Lux (Sunlight)

Regulatory

ESD	Functional after 4KV contact, 8KV air discharge
EMC/RF	TBA
Safety Approval	EN/IEC62471 (Exempt Group)
Environmental	WEEE, RoHS 2.0

Symbologies

1D	UPC-A/ UPC-E0/ UPC-E1, EAN-8/ EAN-13, Code128 Code39, Code93, Codabar, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Standard 2 of 5, China Post 25, Code11, MSI Plessey, Plessey, GS1 Databar, GS1 Databar Limited, GS1 Databar Expanded
2D	QR Code, Micro QR Code, PDF417, MicroPDF417, Data Matrix, Aztec, MaxiCode, Han Xin, Code16K

* All specifications are subject to change without notice.



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