



MT8230B 2D Wireless Scanner

MT8230B is a 2D wireless handheld scanner that delivers fast and reliable scanning performance in a robust, ergonomic housing. MT8230B can capture all 1D and 2D barcodes from paper surface or mobile display in one-tenth of a second. The charging cradle of MT8230B can work as Bluetooth transponder and instantly provides wireless connectivity to any host device to boost productivity and efficiency in manufacturing, inventory and retail applications.

Increasing Freedom of Mobility

- Standard wireless interface (BT HID/ BT SPP)
- Supports Data Transmission via Cradle (Cradle Mode)
- On-screen barcode readability
- Snappy 1D and 2D barcode scanning
- Compatible with iOS, Android and Windows
- High-speed shutter enhances great moving tolerance

Easy and Flexible Operations

- Rubber Bezel
- Ergonomic Housing
- Charging Cradle & Wireless Transponder



Optic & Performance	
Light Source	White LED, Visible red LED
Sensor	Array Image Sensor (640 x 480)
Resolution	4Mil / 0.1mm
Scan Angle	Horizontal 38° Vertical 29°
Pitch / Skew / Roll Angle	±55° / ±55° / ±360°
Print Contrast Ratio	30%
Typical D.O.F (@800 lux)	UPC/EAN 13 Mil : 36 ~ 331 mm
Physical Characteristics	
Dimension	L166 x W71 x H84 mm (Scanner) D82 x H60 mm (Cradle)
Weight	148g (Scanner), 238g (Cradle)
Color	White
Material	ABS
Connector	Micro USB
Cable	Option 1: Micro(M) to USB A(M) Cable, 1.5M Option 2: Micro(M) to D-sub9(F) Cable, 2.1M
Trigger	Scan Button
Indicator	LED, Buzzer, Vibrator
Electrical	
Operation Voltage	3.7 VDC ± 5%
Working Current	< 240mA
Standby Current	< 70mA
Battery	3.7V, 1620mAh, Lithium Battery
Number of Scan	12,000 scans or 16 hours (1scan/5sec, BT connected)
Connectivity	
Radio	Bluetooth 4.2 & 3.0 [®] (Class 2)
Range	33 ft/ 10M (line of sight)
Interface/ Profile	Scanner: BT HID, BT SPP, Cradle Mode, Memory Mode Cradle: USB HID, RS232 (Factory configured)
User Environment	
Operating Temperature	0 ~ 40°C
Storage Temperature	-10 ~ 60°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/RF	FCC Part15C, CE EN301489-1/-17, EN300328
Safety Approval	EN/IEC62368
Environmental	WEEE, RoHS 2.0
Symbologies	
1D	UPC-A/UPC-E, EAN-8/EAN-13, ISBN, Code 128, GS1-128, Code 39, Code 93, Code 11, Interleaved 2 of 5, Industrial 2 of 5 Matrix 2 of 5, Standard 2 of 5, Codabar, MSI Plessey, GS1 Databar, GS1 Composite
2D	QR Code, Micro QR Code, Data Matrix, PDF417, Aztec, MaxiCode, Han Xin

* All copyrights of brands and logos on this website belong to their respective holders.



MARSON TECHNOLOGY CO., LTD.
 TEL: +886-2-2218-1633
 FAX: +886-2-2218-6638
 Web: www.marson.com.tw

