



MT8230B 2D Wireless Scanner

With built-in wireless technology, MT8230B wireless scanner can send data to the host up to 10 meters (33 feet) away that increase mobility for all applications. Supported by a 1,620mAh battery, MT8230B can help user operate around the clock with less downtime ensuring mobile productivity during the entire busy shift.

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
- Global shutter enhances great moving tolerance
- Compatible with iOS, Android and Windows

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)
Scan Rate	60 Frames/Sec
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 : 45 ~ 215 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
Working Current	< 70mA
Battery	3.7V, 1620mAh, Lithium Battery
Number of Scan	12,000 scans or 16 hours (1 scan/ 5 sec, 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	TBA
Safety Approval	TBA
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

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