



## MT8210B 2D Wireless Scanner

With built-in wireless technology, MT8210B 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, MT8210B 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
- 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	30 Frames/Sec
Resolution	5Mil/ 0.125mm
Scan Angle	Horizontal 35° Vertical 27°
Pitch / Skew / Roll Angle	±55°/ ±55°/ ±360°
Print Contrast Ratio	30%
Typical D.O.F ( @800 lux)	UPC/EAN 13 Mil : 40 ~ 245 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
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	< 220mA
Battery	3.7V, 1620mAh, Lithium Battery
Number of Scan (per full charge)	20,000 scans or 27 hours (1 scan/ 5 secs, Bluetooth connected)
Connectivity	
Radio	Bluetooth 4.2 & 3.0®(Class 2)
Range	33 ft/ 10M (line of sight)
Interface/ Profile	BT HID, BT SPP, Cradle Mode, Memory Mode
User Environment	
Operating Temperature	0 ~ 40°C
Storage Temperature	-10 ~ 60°C
Humidity	0% ~ 95% RH (Non-condensing)
Drop Durability	1.2M
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, Codabar, Matrix 2 of 5, Code 93, Code 128, Code 39, Interleaved 2 of 5
2D	QR Code, Micro QR Code, Data Matrix, PDF417, Aztec

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**MARSON TECHNOLOGY CO., LTD.**  
TEL: +886-2-2218-1633  
FAX: +886-2-2218-6638  
Email : info@marson.com.tw

