



MT100A Mini Scanner

With built-in Bluetooth® 5.0 technology, MT100A mini barcode scanner can send data to the host up to 10 meters away. This pocket-sized lightweight wireless 1D 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 (25g)
- Supports high-density barcode up to 4mil (0.1mm).
- High-speed scanning at a maximum of 650 scans per second
- Compatible with iOS, Android and Windows devices.

Easy and Flexible Operations

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



Optic & Performance	
Light Source	625nm visible red LED
Sensor	Linear Image Sensor
Scan Rate	650 Scans/Sec
Resolution	4Mil/ 0.1mm
Scan Angle	41°
Pitch / Skew / Roll Angle	±30°/ ±40°/ ±20°
Print Contrast Ratio	30%
Width of Field	140 mm (13Mil Code39)
Typical D.O.F (@800 lux)	UPC/ EAN 13Mil: 40 ~ 244 mm
Physical Characteristics	
Dimension	W25.6 x L65.6 x H18.2 mm
Weight	25g
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	< 145mA
Standby Current	< 55mA
Power Down Current	< 500mA
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
Range	66 ft/ 20M (line of sight)
Interface/ Profile	BT HID, BT SPP, USB HID, USB VCP
User Environment	
Operating Temperature	-10 ~ 50°C
Storage Temperature	-20 ~ 60°C
Humidity	0% ~ 95% RH (Non-condensing)
Drop Durability	1.5M
Ambient Light	100,000 Lux (Sunlight)
Regulatory	
ESD	Functional after 4KV contact, 8KV air discharge
EMC/RF	FCC Part 15B Class B, Part15C, CE EN55022/24/32, EN301489-1-17, EN300328 V1.9.1, TELEC, VCCI Class B
Safety Approval	EN/IEC62471 (Exempt Group), EN/IEC60950-1
Environmental	WEEE, RoHS 2.0
Symbolologies	
1D	UPC-A/UPC-E, EAN-8/EAN-13, Industrial 2 of 5, Codabar, Matrix 2 of 5, Code 11, Code 93, Code 32, Code 128, Standard Code 39, Full ASCII Code 39, Interleaved 2 of 5, China Postal Code, MSI Plessey Code, UK Plessey Code, EAN/UCC 128, Telepen Code, IATA Code, GS1 Databar

* All specifications are subject to change without notice.



MARSON TECHNOLOGY CO., LTD.

TEL: +886-2-2218-1633

FAX: +886-2-2218-6638

Web: www.marson.com.tw

