MT1227L QR Code Scanner

With built-in Bluetooth® technology, MT1227L QR Code Scanner can send data to the host up to 10 meters away. This ergonomic pocket-sized wireless 2D barcode scanner is a high efficient companion for users who work with laptops, tablets, smart phones and other mobile devices with iOS®, Android® and Windows®.
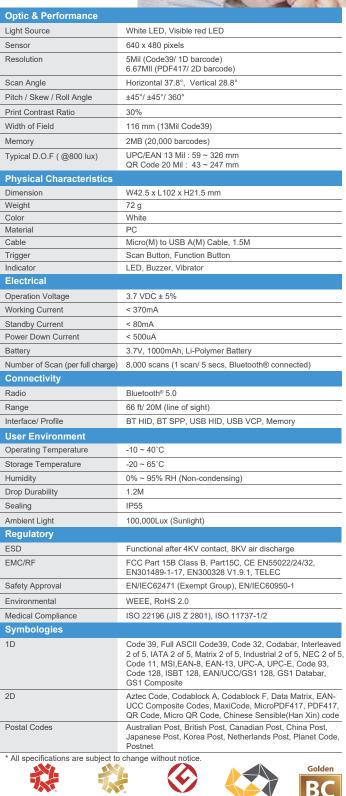
High Efficiency for All Applications

- Reads all major 2D barcodes in the market.
- Ruggedized design of IP55 and 1.5M drop resistance.
- 2MB memory supports both on-line and off-line operation.
- Built with medical-grade anti-microbial housing.

Easy and Flexible Operations

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

Optic & Performance	
Light Source	White LED, Visible red LED
Sensor	640 x 480 pixels
Resolution	5Mil (Code39/ 1D barcode) 6.67Mil (PDF417/ 2D barcode)
Scan Angle	Horizontal 37.8°, Vertical 28.8°
Pitch / Skew / Roll Angle	±45°/ ±45°/ 360°
Print Contrast Ratio	30%
Width of Field	116 mm (13Mil Code39)
Memory	2MB (20,000 barcodes)
Typical D.O.F (@800 lux)	UPC/EAN 13 Mil : 59 ~ 326 mm QR Code 20 Mil : 43 ~ 247 mm
Physical Characteristics	
Dimension	W42.5 x L102 x H21.5 mm
Weight	72 g
Color	White
Material	PC
Cable	Micro(M) to USB A(M) Cable, 1.5M
Trigger	Scan Button, Function Button
Indicator	LED, Buzzer, Vibrator
Electrical	
Operation Voltage	3.7 VDC ± 5%
Working Current	< 370mA
Standby Current	< 80mA
Power Down Current	< 500uA
Battery	3.7V, 1000mAh, Li-Polymer Battery
Number of Scan (per full charge)	8,000 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, Memory
User Environment	
Operating Temperature	-10 ~ 40˚C
Storage Temperature	-20 ~ 65˚C
Humidity	0% ~ 95% RH (Non-condensing)
Drop Durability	1.2M
Sealing	IP55
Ambient Light	100,000Lux (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
Safety Approval	EN/IEC62471 (Exempt Group), EN/IEC60950-1
Environmental	WEEE, RoHS 2.0
Medical Compliance	ISO 22196 (JIS Z 2801), ISO 11737-1/2
Symbologies	
1D	Code 39, Full ASCII Code39, Code 32, Codabar, Interleaved 2 of 5, IATA 2 of 5, Matrix 2 of 5, Industrial 2 of 5, NEC 2 of 5, Code 11, MSI,EAN-8, EAN-13, UPC-A, UPC-E, Code 93, Code 128, ISBT 128, EAN/UCC/GS1 128, GS1 Databar, GS1 Composite
2D	Aztec Code, Codablock A, Codablock F, Data Matrix, EAN-UCC Composite Codes, MaxiCode, MicroPDF417, PDF417, QR Code, Micro QR Code, Chinese Sensible(Han Xin) code
Postal Codes	Australian Post, British Post, Canadian Post, China Post, Japanese Post, Korea Post, Netherlands Post, Planet Code, Postnet

* All specifications are subject to change without notice.

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