



## MT1297 Bi-Color Scanner

With built-in Bluetooth® technology, MT1297 barcode scanner can send data to the host up to 10 meters away. This ergonomic pocket-sized Bi-color® wireless 1D barcode scanner is a versatile companion for users who work with laptops, tablets, smart phones and other mobile devices with iOS®, Android® and Windows®.

### Versatile Scanner for All Applications

- High performance and high density CCD Sensor Inside.
- Bi-color LED enhances color barcode readability.
- 2MB memory supports both on-line and off-line operation.
- Quick pairing and multi-devices connectivity with MT600.

### MT600 Multi-Connected Dongle



### Easy and Flexible Operations

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



\* All specifications are subject to change without notice.

#### Optic & Performance

Light Source	525nm visible green LED, 635nm visible red LED
Sensor	Linear Image Sensor
Scan Rate	200 Scans/Sec
Resolution	4Mil/ 0.1mm
Scan Angle	40°
Pitch / Skew / Roll Angle	±60°/ ±45°/ ±40°
Print Contrast Ratio	30%
Width of Field	140 mm (13Mil Code39)
Memory	2MB (20,000 barcodes)
Typical D.O.F ( @800 lux)	UPC/ EAN 13 Mil: 38 ~ 265 mm

#### Physical Characteristics

Dimension	W42.5 x L102 x H21.5 mm
Weight	70g
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	< 1450mA
Standby Current	< 55mA
Power Down Current	< 500uA
Battery	3.7V, 1000mAh, Li-Polymer Battery
Number of Scan (per full charge)	10,000 scans (1 scan/ 5 secs, Bluetooth® connected)

#### Connectivity

Radio	Bluetooth® 2.1 + EDR (Class 2)
Range	33 ft/ 10M (line of sight)
Interface/ Profile	BT HID, BT SPP, USB HID, USB VCP, Memory

#### User Environment

Operating Temperature	-10°C ~ 55°C
Storage Temperature	-20°C ~ 65°C
Humidity	0% ~ 95% RH (Non-condensing)
Drop Durability	1.5M
Sealing	IP55
Ambient Light	70,000 Lux (Sunlight)

#### Regulatory

ESD	Functional after 4KV contact, 8KV Air discharge
EMC/RF	FCC Part 15B Class B, Part15C, CE EN55022/24, EN301489-1-17, EN300328 V1.9.1, TELEC
Safety Approval	EN/IEC62471 (Exempt Group), EN/IEC60950-1
Environmental	WEEE, RoHS 2.0
Medical Compliance	N/A

#### Symbologies

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 12B, 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
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TAIWAN  
EXCELLENCE 2016



GOOD DESIGN  
AWARD 2015



COMPUTEX  
d&i awards 2014

