

# Barcode Scan Engines

## MT1197M

**This product range  
was provided by  
admatec GmbH**



## Mobile POS Mini Pocket Scanner



## MT1197M Mini Pocket Data Collector Scanner

### Compatible to iOS & Android Tablets

Simplified wireless pairing connection enables MT1197M to have the compatibility with nowadays popular host devices such as Android or iOS-based Mobile POS terminals.

### Design for Quiet and Noisy Environments

Built-in vibrator makes it possible for MT1197M to operate in both quiet environment such as hospital and noisy workplace such as construction field.

### Industrial Protection

With a silicone cover, the mini scanner can be fully protected and immune to water drops and dust, too.

### 2MB Data Collector

MT1197M embedded with 2M flash memory for 20,000 data storage is exclusively available for data collection applications in need.

### Small & Lightweight

MT1197M is the smallest wireless memory barcode scanner in its class. It is tiny at L65 x W24 x H18 mm and only 24.6 g in weight, which is ideal to be carried in pocket or purse.



### Green LED Illumination

MT1197M is designed with patented green LED illumination that improves low contrast and poor quality barcode readability, with an additional benefit of eye protection for heavy user.

### Outstanding Performance

Over 200 scans per second, it delivered fast and accurate scanning performance, press the button, it scans and it is immediately ready for the next barcode.

### Non-pincode Pairing

MT1197M features SSP (Secure Simple Pairing) that does not need a pincode when pairing with iOS/Android/Windows.

**Long Life Battery**



**Industrial Protection**



**Wireless BT**



**Micro USB**



Optical & Performance	MT1297	MT1197M	MT1097	MT1095s
<b>Light Source</b>	525nm visible green LED 635nm visible red LED	525nm visible green LED	625nm visible red LED	625nm visible red LED
<b>Sensor</b>	2500 Pixels CCD	1000 pixels CMOS Sensor	1000 pixels CMOS Sensor	1000 pixels CMOS Sensor
<b>Scan Rate</b>	200 Scans / sec	240 Scans /Sec	240 Scans/Sec	240 Scans/Sec
<b>Resolution</b>	4mil/ 0.1mm (3mil Readable)	5mil/ 0.127mm	5mil/ 0.127mm	5mil/ 0.127mm
<b>Print Contrast</b>	30%	30%	30%	30%
<b>Width of Field</b>	140mm (13Mil Code39)	102mm (13Mil Code39)	85mm (13Mil Code39)	85mm (13Mil Code39)
<b>Memory</b>	Inventory: 2MB (20,000 barcodes) Batch Mode: 2KB (140 barcodes) Can be used as USB Mass Storage Device	Inventory Mode: 2MB (20,000 barcodes) Batch Mode: 2KB (140 barcodes)	N/A	N/A
<b>D.O.F (Environment: 800 lux)</b>	4 Mil Code39: 20~85mm (4 digits) 5 Mil Code39: 30~110mm (4 digits) 10 Mil Code39: 30~220mm (5 digits) 15 Mil Code39: 40~270mm (5 digits) 13 Mil UPC/EAN: 30~250mm (13 digits)	5 Mil Code39: 20 ~ 70mm (4 digits) 10 Mil Code39: 30 ~ 130mm (5 digits) 15 Mil Code39: 45 ~ 180mm (5 digits) 13 Mil UPC/EAN: 40~130mm (13 digits)	5 Mil Code39: 20 ~ 60mm (4 digits) 10 Mil Code39: 30~120mm (5 digits) 15 Mil Code39: 35~185mm (5 digits) 13 Mil UPC/EAN : 30~140mm (13 digits)	5 Mil Code39: 20 ~ 60mm (4 digits) 10 Mil Code39: 30~120mm (5 digits) 15 Mil Code39: 35~185mm (5 digits) 13 Mil UPC/EAN : 30~140mm (13 digits)
Physical Characteristics				
<b>Dimension</b>	W43xL103xH123mm	W27xL68xH15mm	W24xL65xH18mm	W19xL41.8xH12.5mm
<b>Weight</b>	70g	27g	24.6g	10g
Power				
<b>Operation Voltage</b>	3.7 VDC ± 5%	3.7 VDC ± 5%	3.7 VDC ± 5%	5VDC ± 5%
<b>Working Current</b>	< 280mA	< 220mA	< 150mA	< 115mA
<b>Standby Current</b>	< 80mA	< 65mA	< 65mA	< 60mA
<b>Battery</b>	3.7 V, 1100mAh, Lithium battery	3.7 V, 400mAh, Lithium battery	3.7 V, 350mAh, Lithium battery	N/A
<b>Number of Scan (per full charge)</b>	> 5400 scans (1 scan/ 5 secs, BT connected)	> 5400 scans (1 scan/ 5 secs, BT connected)	> 5400 scans (1 scan/ 5 secs, BT connected)	N/A
Connectivity				
<b>WPAN Radio</b>	Bluetooth 2.1 + EDR (Class2)	Bluetooth 2.1 + EDR (Class2)	Bluetooth 2.1 + EDR (Class2)	N/A
<b>Range</b>	30 ft./ 10m (line of sight)	30 ft./ 10m (line of sight)	30 ft./ 10m (line of sight)	N/A
<b>Interface/ Profile</b>	SPP (Android, Mac, Windows) HID (Android, iOS, Windows)	SPP (Android, Mac, Windows) HID (Android, iOS, Windows)	SPP (Android, Mac, Windows) HID (Android, iOS, Windows)	USB HID (Android) USB VCP (Android)
User Environment				
<b>Operating Temperature</b>	-20~60°C	0~50°C	0~50°C	0~50°C
<b>Storage Temperature</b>	-20~65°C	-20~60°C	-20~60°C	-20~60°C
<b>Drop Durability</b>	1.8M*	1.8M*	1.5M	1.5M
<b>Sealing Rate</b>	IP55*	IP44*	IP42	IP42
<b>Ambient Light</b>	70,000 Lux (Fluorescent Light)	20,000 Lux (Fluorescent Light)	20,000 Lux (Fluorescent Light)	20,000 Lux (Fluorescent Light)
<b>1D Symbologies</b>	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 * with silicone cover			
Regulatory				
<b>ESD</b>	Functional after 4KV contact, 8KV Air discharge	Functional after 4KV contact, 8KV Air discharge	Functional after 4KV contact, 8KV Air discharge	Functional after 4KV contact, 8KV Air discharge
<b>EMC</b>	FCC Class B, CE	FCC Class B, CE	FCC Class B, CE	FCC Class B, CE
<b>Safety</b>	WEEE, RoHS 2.0, REACH	WEEE, RoHS 2.0, REACH	WEEE, RoHS 2.0, REACH	WEEE, RoHS 2.0, REACH

**MARSON TECHNOLOGY CO., LTD.**

9F, No.108-3, Minguan Rd., Xindian Dist., New Taipei City 231, Taiwan

TEL: +886-2-2218-1633 FAX: +886-2-2218-6638

Email : info@marson.com.tw

