

Barcode Scan Engines

MT1197MW

This product range
was provided by
admatec GmbH





Enhance the Power of Mobile POS



▲ MT1297

Long Battery Life Mini Barcode Scanner

- High Density and Long Range CCD Sensor Inside
- Bi-color Enhances PCS0.1 Color Barcode Readability
- Long Battery Life Supporting 12-Hour Operation
- Compatible with iOS, Android and Windows-based Devices



▲ MT1197MW

Anti-Microbial Mini Barcode Scanner

- Green LED Illumination for Eye Protection
- Vibration Alert Enables User to Operate in Any Condition
- Non-pincode Bluetooth Connection
- Conforms to ISO 22196, ISO 11737-1 & 2, EN60601-1-2, IEC62471 Safety Standards



▲ MT1197M

Industrial Protection Mini Barcode Scanner

- Green LED Illumination for Eye Protection
- Vibration Alert Enables User to Operate in Any Condition
- Non-pincode Bluetooth Connection
- Compatible with iOS, Android and Windows-based Devices



▲ MT1095s

Micro USB Mini Barcode Scanner

- The Best Accessory for Mobile Data Collection Applications
- Great On-To-Go Flexibility
- Patented Two-Way Communication through USB HID Interface
- Compatible with iOS, Android and Windows-based Devices

Long Battery Life**Industrial Protection****Wireless BT****Micro USB**

Optical & Performance	MT1297	MT1197M/MT1197MW	MT1097	MT1095s
Light Source	525nm visible green LED 635nm visible red LED	525nm visible green LED	625nm visible red LED	625nm visible red LED
Sensor	CCD Sensor	CMOS Sensor	CMOS Sensor	CMOS Sensor
Scan Rate	200 Scans / sec	240 Scans/Sec	240 Scans/Sec	240 Scans/Sec
Resolution	4mil/ 0.1mm	5mil/ 0.127mm	5mil/ 0.127mm	5mil/ 0.127mm
Print Contrast	30%	30%	30%	30%
Width of Field	140mm (13Mil Code39)	102mm (13Mil Code39)	85mm (13Mil Code39)	85mm (13Mil Code39)
Memory	2MB	2MB	N/A	N/A
D.O.F (Environment: 800 lux)	4 Mil Code39: 60 ~ 80mm 5 Mil Code39: 50 ~ 90mm 10 Mil Code39: 60 ~ 180mm 15 Mil Code39: 60 ~ 250mm 13 Mil UPC/EAN: 60 ~ 180mm	5 Mil Code39: 20 ~ 70mm 10 Mil Code39: 30 ~ 130mm 15 Mil Code39: 45 ~ 180mm 13 Mil UPC/EAN: 40 ~ 130mm	5 Mil Code39: 20 ~ 60mm 10 Mil Code39: 30 ~ 120mm 15 Mil Code39: 35 ~ 185mm 13 Mil UPC/EAN : 30 ~ 140mm	5 Mil Code39: 20 ~ 60mm 10 Mil Code39: 30 ~ 120mm 15 Mil Code39: 35 ~ 185mm 13 Mil UPC/EAN : 30 ~ 140mm
Physical Characteristics				
Dimension	W42.5 x L102 x H21.5 mm	W27 x L68 x H15 mm	W24 x L65 x H18 mm	W19 x L41.8 x H12.5 mm
Weight	70g	27g	24.6g	10g
Power				
Operation Voltage	3.7 VDC ± 5%	3.7 VDC ± 5%	3.7 VDC ± 5%	5VDC ± 5%
Working Current	< 220mA	< 220mA	< 150mA	< 135mA
Standby Current	< 85mA	< 65mA	< 65mA	< 70mA
Battery	3.7 V, 1100mAh, Lithium battery	3.7 V, 400mAh, Lithium battery	3.7 V, 350mAh, Lithium battery	N/A
Number of Scan (per full charge)	>10,000 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				
WPAN Radio	Bluetooth 2.1 + EDR (Class2)	Bluetooth 2.1 + EDR (Class2)	Bluetooth 2.1 + EDR (Class2)	N/A
Range	30 ft./ 10m (line of sight)	30 ft./ 10m (line of sight)	30 ft./ 10m (line of sight)	N/A
Interface/ Profile	BT (SPP, HID) USB (HID, VCP)	BT (SPP, HID) USB (HID, VCP)	BT (SPP, HID) USB (HID, VCP)	USB (HID)
User Environment				
Operating Temperature	-10~60°C	0~50°C	0~50°C	0~50°C
Storage Temperature	-20~65°C	-20~60°C	-20~60°C	-20~60°C
Drop Durability	1.5M	1.5M	1.5M	1.5M
Sealing Rate	IP55	IP44 (w/Silicone Cover)	IP42	IP42
Ambient Light	70,000 Lux (Fluorescent Light)	20,000 Lux (Fluorescent Light)	20,000 Lux (Fluorescent Light)	20,000 Lux (Fluorescent Light)
1D Symbolologies	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			
Regulatory				
ESD	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
EMC	FCC Class B, CE	FCC Class B, CE	FCC Class B, CE	FCC Class B, CE
Safety	WEEE, RoHS 2.0, IEC 62471	WEEE, RoHS 2.0, IEC 62471, IEC 60601-1, ISO 22196,TELEC	WEEE, RoHS 2.0, IEC 62471, TELEC	WEEE, RoHS 2.0, IEC 62471

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