



MS912 series

Wireless Pocket size CCD scan solution

Since the upswing of the smartphones and mobile devices, portable scanning needs are constantly subject to adjustments within the enterprise market like retail, healthcare, industrial and office automation.

The MS912 series is Unitech's newest pocket size CCD scan solution to offer the mobile enterprise the best matching device for 1D scanning needs.

- Product order management - Retail and online webshops
- Medication & patient management - (Mobile) healthcare
- Shipment & inventory management - Industry and logistics
- Document tracking & personal identification - Office automation

Small, portable and flexible

The MS912 series enables an enterprise to easily implement 1D scanning where traditional scanners are limited, such as size, mobility and even price. There is no need to impractically move your mobile device or tablet for scanning 1D barcodes. Just enlarge your working area with the Unitech MS912 and turn this scanner into your enterprise companion.

With its dimension of only 72mm length, 30mm width and 20mm thickness, you can carry the MS912 anywhere you need to go. Like a single pack of gum this device fits your pocket. With a weight of only 30.2 grams, you can even carry the MS912 on your neck or wrist. The MS912 is one of the smallest and lightest pocket scanners in its class, the ideal solution for applications where all-day (mobile) scanning is required.

Reliable and wireless technology

The MS912 series provides outstanding performance on reading up to 240 scans per second and are compatible with most wireless devices, making it easy to pair with an Android or Apple smartphone and tablet. With the simplicity of its single-button scanning design, the MS912 makes barcode data collection simple and reliable for all users. This pocket size high performance CCD scanner captures 1D barcode data up to 5 mil resolution and easily reads 5000 barcodes without the need to recharge. The MS912 offers great flexibility within a range of 10 meters.

MS912M (memory version)

The MS912M (memory version) provides additional support to store data in a buffer mode when your device goes out of range. Equipped with 2MB of memory, equivalent to 20,000 scans, the MS912M allows users to complete their task without interruption and without losing any data. With a simple setting you can upload the data to the back-end system once your device gets back into range.

Features:

- Powerful and reliable mobile 1D scanner
- High performance CCD module, scans 240 barcodes per second
- Pocket size and easy to carry anywhere
- Small and lightweight
- Reliable for every user
- Compact and stylish one-button design
- Easy to integrate with host device
- Supports HID and SPP Bluetooth connection
- Easy to deploy with mobile applications
- Windows, Android and Apple compatible
- Extended flexibility MS912M (memory version only)
- Buffer mode while out-of-range & easy synchronisation

MS912

Specifications



MS912

Standard version

MS912M

Memory version

Operational & Performance

Technology	CCD, Linear CMOS
Light Source	Visible LED 625 nm
Max. resolution	5mil (0.127mm)
Ambient light	10.000 Lux
	Fluorescent Light
Print Contrast	30% minimum
Scan rate	240 scans/sec
Storage memory size	MS912M (memory version only) 2MB (+/- 20,000 barcodes)

Reading distance (DOF)

Label/DOF	near	far
Code 39, 5mil	15mm	60mm
Code 39, 13mil	30mm	140mm
Code 39, 20mil	35mm	185mm

* = depends on width of barcode

Symbologies

Decode Capability	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.
Configuration Method	Configuration barcodes

Power Source

Operating voltage	3.7VDC +/- 5%
Current consumption	Operating mode <150mA Standby mode < 65mA
Battery type	Lithium-ion
Battery life	8 hours scan or 5000 reads/charge
Battery charging time	2 hours

Operation modes

MS912 and MS912M	Operation mode, Standby mode
MS912M only	Buffer mode (out-of-range reading)

Connectivity

Bluetooth	Class 2 up to 10 meters line of sight coverage
Protocol	SPP & HID over Bluetooth
Host Interface	USB (micro USB cable)

Compatibility

Compatible with Windows, Android and iOS mobile devices

Enclosure

Scanner dimension	L72 mm x W30 mm x H20 mm
Scanner weight	30.2g
Housing material	ABS

Environmental

Operating temperature	0°C to 50°C
Storage temperature	-20°C to 60°C
Humidity	20% - 85% (non-condensing)
ESD protection	Functional after 4KV contact and 8 KV air
Drop Test	1.5 m

Accessories

USB cable
Handstrap



USB cable



Handstrap

Warranty

1 Year

Regulatory approvals

CE, FCC Class B

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