



# MS912+

## Wireless Pocket CCD Scanner



Mini barcode reader MS912 series is being recognized as the smallest model in its class. To keep the product focused on customer needs, unitech unveils its latest version of its MS912 series scanner. The new MS912+ wireless pocket CCD scanner is a premium version with super quick and long range properties and it boost the scan speed up to 650 scans per second coming with higher 4 mil resolution. In addition, engineered with upgraded industrial material, this device is specifically design to read 1D barcodes displayed on the LCD screens of mobile devices and it improves the capability to capture barcodes in direct sunlight (100,000 lux). For maximum user-friendly, MS912+ is available to facilitate a data transfer from scanner to computer via USB port that helps to streamline processes. The MS912+ is truly the best choice for any scanning application such as retail, healthcare and office automation.

### Ultra-portable and durable

The MS912+ features the high-speed decoder paired with an aggressive scan engine which provides outstanding scanning performance up to 650 scans per second. MS912+ also delivers a high quality barcode scanning experience that can capture 1D barcode data with a 4 mil resolution and a scanning width up to 140mm. The scanner has capability to scan barcodes on the screen of mobile phone and it can automatically capture barcodes within its field of view in any lighting conditions from darkness to direct sunlight (100,000 lux). Furthermore, the MS912+ weighs in at just 30.2g and is about the size of a single pack of gum. Not only with an ultra-compact size, but also it has a 1.5 meter drop threshold. Combining high performance and compact design, MS912+ gives mobile worker many places to keep it conveniently and safely while on the go.

### Easy pairing with wireless technology

The MS912+ provides the convenience of wireless technology with the simplicity of a single-button scanning design which makes barcode data collection simple, reliable for all users. With wireless communications, MS912+ is easy to pair with your smart phone (including apple or android system) or tablet. Moreover, this device is available to facilitate a data transfer from scanner to computer via USB port and it delivers the flexibility with the 10 meters operating range that helps users to improve efficiency in mobile work place.

### Extended Storage Capacity

Beyond its versatility, the MS912+ can be utilized with an auto mode that ensures no data is lost while it is out of range of the wireless signal, also upload the data to the back-end system with a simple setting, allowing users to complete their tasks without interruption. In addition, the MS912 series allows you to charge the internal Lithium-Ion battery by utilizing a standard USB port. With full compatibility to most every wireless enabled device, including Apple devices, it makes the MS912+ a best product for any mobile worker or business professional. There is no doubt that the compact MS912+ is an excellent auto data collection solution which is the smallest and smartest in its class.

### Features

- Small and compact design
- Mobility application by wireless data collection and transmit
- Support HID and SPP connection
- High capacity battery with long life
- Premium performance: Processing up to 4mil resolution barcode readability.
- Build in 650 scans/sec high performance CCD module
- Easy to integrate with host (Smart phone, Tablet & Laptop)
- Easily toggle the iPhone/ iPad touch keyboard with iOS Hotkey function

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Memory Version

### Optical & Performance

	MS912	MS912+
Light Source	625nm visible red LED	625nm visible red LED
Sensor	Linear CMOS	Linear CMOS
Scan Rate	240 Scans/ sec	650 Scans/ sec
Resolution	5mil/ 0.127mm	4mil/ 0.1mm
Printing Contrast Scale	30% Minimum	30% Minimum
Width of Field	85mm (13Mil Code39)	140mm (13Mil Code39)
Memory	2MB (MS912M)	2MB (MS912+)
DOF (Environment: 800 lux)	5 Mil Code 39 : Readable 13 Mil Code 39 : 25 ~ 135 mm 20 Mil Code 39 : 30 ~ 180 mm	4 Mil Code 39 : 40 ~ 65 mm 5 Mil Code 39 : 35 ~ 90 mm 10 Mil Code 39 : 35 ~ 195 mm 15 Mil Code 39 : 50 ~ 280 mm 13 Mil UPC/EAN: 35 ~ 230 mm

### Functionality

Symbologies	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
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### Regulation Approvals

ESD	Functional after 4KV contact, 8KV Air discharge
EMC	FCC Part15C, CE
Safety Approval	WEEE, RoHS 2.0, IEC 62471, NCC, TELEC, VCCI, BSMI

### Electrical

Operation Voltage	3.7VDC ± 5%
Current Consumption	Operation mode:<145mA; Standby mode:<55mA
Power Down Current	< 100uA (MS912); < 500uA (MS912+)
Battery	3.7V, 350mAh, Lithium Battery
Number of Scan (per full charge)	6000 scans (1 scan/ 5 secs, PAN connected)

### Physical Characteristics

Dimension	H20*W30*L72mm
Weight	30.2g
Color	Beige
Material	ABS + PC
Cable	1.5M (Mini USB Cable)

### Environmental

Operating Temperature	0°C to 50°C
Storage Temperature	-20°C to 60°C
Relative Humidity	0%~95%RH (Non-condensing)
Drop Test	1.5M
Ambient Light	100,000 Lux (Direct Sunlight)

### Connectivity

Range	33 ft/ 10m (line of sight)
Radio	Bluetooth® 2.1+EDR
Interface/Profile	BT HID, BT SPP, USB HID, USB VCP, Memory (MS912M+)

### What comes in the box

MS912+ scanner, USB cable (Mini USB), Hand strap



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