



MS912 Plus (2D)

Wireless 2D Pocket Scanner

Small and Compact Design | Bluetooth® 5.0 | Mobility in Wireless Communications | With USB Type-C Support

The MS912+ 2D Bluetooth pocket scanner is the way to go for mobile scanning. Tiny but powerful, the MS912+ 2D features simple pairing to any smartphone, tablet, or computer with a new aggressive scan engine.

Superior 2D Scanning

Delivering accurate scanning performance, the MS912+ 2D pocket scanner utilizes a superior scan engine to capture all 1D and 2D barcodes. Scan and read 5 mil barcodes with ease, the MS912+ 2D barcode scanner is truly the smallest and smartest in its class.

Ergonomic Pocket Sized

The Unitech MS912+ 2D is truly pocket-sized. It weighs in at just 30.7g and is about the size of a single pack of gum which is one of the most comfortable barcode scanners to carry and hold. The MS912+ 2D can be hung on a lanyard or easily attached to a belt loop- ready to scan at a moment's notice.

Easy pairing with wireless technology

The MS912+ 2D provides the convenience of wireless technology with the simplicity of a single-button scanning design which makes barcode data collection simple, and reliable for all users. With wireless communications, MS912+ 2D is easy to pair with your smartphone (including apple or android systems) or tablet. Moreover, this device is available to facilitate a data transfer from scanner to computer via USB port and it delivers flexibility with a 20 meters operating range that helps users to improve efficiency in the mobile workplace.

Memory Mode

Despite its small size, the MS912+ 2D barcode scanner is equipped with 2MB of memory. In Memory Mode, the MS912+ 2D utilizes its memory to store scans instead of wirelessly transmitting it to a host. Once you are finished scanning, you can export all the data to your host computer.

Durable

The MS912+ 2D is not only with an ultra-compact size, but also it has a 1.5 meter drop threshold. Combining high performance and compact design, MS912+ 2D gives mobile worker many places to keep it conveniently and safely while on the go.

Features

- Built-in high performance 2D engine and to read all standard 1D, 2D barcodes
- 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 5 mil resolution barcode readability
- Easy to integrate with host (Smart phone, Tablet & Laptop)
- Easily toggle the iPhone/ iPad touch keyboard with iOS Hotkey function
- Enterprise durability: 1.5 m drop protection

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Specifications



System

Memory 2MB

Optical & Performance

Sensor 640 x 480
 Aiming Element 625nm visible red LED
 Ambient Light 70,000 Lux (Sunlight)
 Scan Rate 30 Frames/Sec
 Skew Angle $\pm 60^\circ$
 Pitch Angle Sensor $\pm 60^\circ$
 Roll Angle 360°
 Optical Resolution 5mil/ 0.127mm (1D)
 10mil / 0.254mm (2D)
 Printing Contrast Scale 25%
 Depth of Field 5 Mil Code 39 : 55 ~ 100 mm
 13 Mil UPC/EAN: 55 ~ 270 mm
 15 Mil QR Code: 40 ~ 190 mm
 6.7 Mil PDF417: 45 ~ 120mm
 10 Mil Data Matrix: 40 ~ 90 mm

Communication

Radio Bluetooth 5.0 (Class 2)
 Wireless Coverage 66 ft/ 20m (line of sight)
 Interface/ Profile BT HID, BT SPP, USB HID, USB VCP, Memory
 Host Interface supported USB Type C

Regulatory Approvals

FCC Part15B Class B, Part15C
 EN301489-1-17, EN300328 V2.1.1, EN62479,
 EN55032/24, TELEC, VCCI, NCC, BSMI, DOE & CEC

Mechanical

Dimension W30 x L72 x H20 mm
 Weight 30.7g

Symbologies

1D Barcodes UPC-A/ UPC-E0/ UPC-E1, EAN-8/ EAN-13,
 Code128, Code39, Code93, Codabar, Interleaved
 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Standard 2
 of 5, China Post 25, Code11, MSI Plessey,
 Plessey, GS1 Databar, GS1 Databar Limited, GS1
 Databar Expanded
 2D Barcodes QR Code, Micro QR Code, PDF417,
 MicroPDF417, Data Matrix, Aztec, MaxiCode, Han
 Xin, Code16K

Electrical

Operation Voltage 3.7 VDC $\pm 5\%$
 Current Consumption Operation mode:< 230uA
 Indicator LED, Buzzer
 Battery Type 3.7V, 350mAh, Lithium Battery
 Operating Time 5000 scans
 (1 scan/ 5 secs, Bluetooth connected)

Environmental

ESD Protection Functional after 4KV contact, 8KV Air discharge
 Mechanical Shock 1.5M
 Operating Temperature $-10^\circ\text{C} \sim 50^\circ\text{C}$
 Storage Temperature $-20^\circ\text{C} \sim 60^\circ\text{C}$
 Relative Humidity 0% ~ 95%RH (Non-condensing)

What comes in the box

The standard package contents MS912+ (2D) Scanner
 USB Type C cable
 Hand strap



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