MS632

2D Wireless Ring Scanner designed to free your hands

Looking for a light weighted, affordable 2D ring scanner to improve your productivity without stinging your budget?

Unitech MS632 is designed to meet your expectations!

Affordable 2D ring scanner
The MS632 features a 2D imager inside which supports the most commonly used 1D and 2D barcode symbology, with appreciated performance. Above all, it is a budget friendly 2D ring scanner in the market.

Ergonomic, light weighted, and easy charge design
The MS632 is designed to meet the usage of a right- and left-handed person. The device is weighted to just 65 grams including the 1000 mAH battery inside. It is suitable for long hours of usage and allows the users hand to move normally. The Micro-USB port allows the MS632 to be charged by the host device, it also features 2 pogo-pins for charging purpose's. It can be simply dropped in and picked by the user to and from the dual-slot charging cradle; designed for MS632.

Easy pairing and Communication!

MS632 features BLE 4.0 dual mode (HID&SPP) and it is backward compatible with BlueTooth 2.1. It gives a great compatibility with recently released smart devices; to legacy devices including Windows 7 and 8. It is also compatible with smart devices which do not not support BLE 4.0. Unitech also provides a an easy-pairing APP to run on Android devices to enable the MS632 to be paired with the host device on-the-fly, by simply scanning the QR code displayed on the screen of the host device.

The unique user defined key allows the user to designate a specific key (alphanumeric and symbolic characters) to it and to send to the user APP. This function can save user time from switching the scanner and physical keys on the host device; to improve their working productivity.

Features
- Single finger & light weighted design: Weighted to only 65 gm including 1000 mAH.
- 2D barcode: Available to read 1D, 2D and PDF417 barcodes.
- BLE 4.0 dual mode support: backward compatible with BlueTooth 2.1 SPP and HID mode.
- Pogo pins for charging: easy to recharge the unit by simple drop-in and pick-up.
- User defined key: can user define key input for their application.
- 1.8MB storage memory (when in offline mode).

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Basic characteristics

Scanner dimensions	66 x 44 x 24 mm (H x W x D)
Weight	65 g
Battery	1.000 mAh
Bluetooth	Supports Bluetooth 4.0 HID/SPP and Bluetooth 2.1
Wireless	2.4 GHz receiver
Memory	1.8MB

Interface

Remind method	LED x 2, Buzzer
Buttons	Scan key, Power key, User defined key
Trigger	Artificial triggering
Charging method	Micro USB, PogoPin

2D

Optical System	White LED illumination; Red LED dot aimer
Scanning Speed	30 Frames/SEC
Scanning Angle	Tilt: 360˚
	Pitch: +/- 45˚
	Skew: +/- 45˚
Print Contrast	35%
Resolution	640 x 480 pixels
Barcode Content	Aztec Code, Coda bar, Coda block F, Code 11, Code 16K, Code 128, Code 2 of 5, Code 39, Code 49, Code 93, Data Matrix, EAN/JAN-13, EAN/JAN 8, EAN-UCC Composite Codes, EAN-UCC Emulation, IATA Code 2 of 5, Interleaved 2 of 5, Matrix 2 of 5, MaxiCode, MicroPDF417, MSI, PDF417, Postal Codes (Australian Post, British Post, Canadian Post, China Post, Japanese Post, Korea Post, Netherlands Post, Planet Code, Postnet), Plessey Code, PosiCode, QR Code, RSS Expanded, RSS Limited, RSS-14,TCIF Linked Code 39, Telepen, Trioptic Code, UPC-A, UPC E.

Power Source

Operation Voltage	5 DC ± 0.25 V

Environmental

Operating Temperature	-10°C to 50°C
Storage Temperature	-20°C to 70°C
Humidity	5% to 95%RH, non-condensing

Connectivity

Bluetooth 4.0 dual mode
Support HID & SPP profile

Regulator approvals

CE

Included

1) MS632
2) Quick Start Guide
3) USB cable
4) PSU (EU Plug)
5) 2.4 Dongle for PC

Optional accessory

1) 2-Slot charging cradle

Warranty

1 Year scanner only*
1 Year USB cable

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