

MS652+Bluetooth 2D Ring Scanner

The Unitech MS652+ is optimized for all-day scanning and provide more comfort than traditional handheld scanners. With its two-finger wearable design, adjustable strap, and left- or right-handed mode, your hands are free to attend to other tasks. Its light form factor makes it suited for an array of applications such as retail, logistics, field service, and hospitality.

Versatile Bluetooth Ring Scanner

Scan without wires with a generous 30-foot operating range and read compatibility for 1D, 2D, and PDF417 barcodes.

Ergonomic, Wearable Design

The smartly designed wearable scanner eases stress on your hands and leaves you free to carry items or write down important notes. The large scan button makes data collection simple and the Velcro strap fits any size

Compact Yet Rugged

Weighing in at a little over 3 ounces, the MS652+'s small scan engine features a large flash memory storage of up to 590,000 scans. It is drop protected for up to 5 feet and is IP42 sealed against dirt and water.

Wireless Connectivity

Sync data to a compatible Bluetooth iOS or Android device or utilize the NFC feature. Wireless scans are automatically collected within 30 feet of the host.

Main Features:

- Lightweight, two-finger ring design
- Reads 1D, 2D, and PDF417 barcodes
- Rotating adaptor for left- or right-handed operation
- Rugged and durable design withstands 5-foot drops
- Easily pair to smart phones and tablets (Including iOS/ Android devices)
- Batch data transfer from scanner to computer via USB port
- IP42-rated environmental seal against water and dust
- Full Shift Battery Life: Up to 14 Hours
- Warranty: 1 year







System

Connect to host with Windows, Android, Connection

or iOS

7.5 M bytes, store up to 590,000 of EAN13 codes Memory

Keys 1 scan button

Optical & Performance

Zebra SE2707 Scan Engine

1 Hyper Red 660nm LED Light Source

CMOS sensor with 640 x 400 pixel Sensor Ambient Light Max 107, 639 lux (direct sunlight)

Scan Angle 60 degrees Pitch Angle Sensor 60 degrees Printing Contrast Scale Minimum 20% Depth of Field 800 lux environment

5 Mil, Code 39 : 2.0 ~ 6.4 in. 10 Mil, PDF417 : 1.8 ~ 9.0 in. (DOF PCS=80%)

13 Mil, 100% UPC : 2.0 ~ 12.5 in. 20 Mil, Code 39 : 2.0 ~ 19.5 in. 20 Mil, QR Code: 1.5 ~ 11.0 in.

Mechanical

Scanner Dimension 1.9 x 2.8 x 0.8 in.

Scanner Weight 3.4 oz Trigger Switch Life 1 million times

Electrical

Operation Voltage DC 5V +/- 10%

Current Consumption Operation mode: 160mA, Standby mode:

23mA

Power off mode 1uA Rechargeable Lithium-ion Battery Type Battery Capacity 800mAH / 3.7V Charging Time Fully charged in 4 hours Operating Time 14 hours at 1 scan / 5 sec

Charging Method USB cable or battery charging cradle

Functionality

1D: All major symbologies and PDF417 Symbologies

> 2D: QR Code, Data Matrix, Aztec Code, PDF417, Macro PDF417, Micro PDF417, MaxiCode, Codablock A, Codablock F, GS1Composite, Han Xi Code, Australian Post, British Post, Canadian Post, InfoMail, Intelligent Mail Bar Code, Japanese Post, KIX (Netherlands) Post GS1, Composite, Korea

Post, Planet Code, Postal, Postnet



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Communication

Bluetooth Frequency Bluetooth low energy 4.2

30 ft/10 M (line of sight) Range

Host Interface Supported USB

Protocol BT HID / SPP

User Environment

32° ~ 122° F/ 0° ~ 50° C Operating Temperature -4° ~ 140° F/ -20° ~ 60° C Storage Temperature

Humidity 95% non-condensing

Drop Durability 5 ft Sealing IP42

Ambient Light 70,000 Lux (Sunlight)

Regulatory

ESD Functional after 8KV contact, 12KV Air

discharge

CE, FCC, BSMI, NCC, TELEC, VCCI **EMC**

Accessories Batterv

> Hand strap Micro USB cable

4-Slot battery charger (optional)