



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 hand.

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

Connection	Connect to host with Windows, Android, or iOS
Memory	7.5M bytes, store up to 590,000 of EAN13 codes
Keys	1 scan button

Optical & Performance

Scan Engine	Zebra SE2707
Light Source	1 Hyper Red 660nm LED
Sensor	CMOS sensor with 640 x 400 pixel
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 (DOF PCS=80%)	800 lux environment 5 Mil, Code 39 : 2.0 ~ 6.4 in. 10 Mil, PDF417 : 1.8 ~ 9.0 in. 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
Battery Type	Rechargeable Lithium-ion
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

Symbologies	1D: All major symbologies and PDF417 2D: QR Code, Data Matrix, Aztec Code, PDF417, Macro PDF417, Micro PDF417, MaxiCode, Codablock A, Codablock F, GS1 Composite, 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
Range	30 ft/10 M (line of sight)
Host Interface Supported	USB
Protocol	BT HID / SPP

User Environment

Operating Temperature	32° ~ 122° F/ 0° ~ 50° C
Storage Temperature	-4° ~ 140° F/ -20° ~ 60° C
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
EMC	CE, FCC, BSMI, NCC, TELEC, VCCI

Accessories

Battery	
Hand strap	
Micro USB cable	
4-Slot battery charger (optional)	



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