



MS652

Bluetooth 2D Ring Scanner

The Unitech MS652 is optimized for all-day scanning and provide more comfort than traditional handheld scanners. With it's 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 13 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 3V to 5V
Current Consumption	Operation mode: 400 mA, Standby mode: 160 mA
Battery Type	Rechargeable Lithium-ion
Battery Capacity	800mAh
Charging Time	Fully charged in 4 hours
Operating Time	13 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
-------------	---

Communication

Radio	Frequency Bluetooth low energy 4.2
Range	30 ft/10 M (line of sight)
Host Interface Supported	USB
Protocol	BT HID

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)
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

Regulatory

ESD	Functional after 8KV contact, 12KV Air discharge
EMC	CE, FCC, BSMI, NCC, TELEC, VCCI

Mechanical

Scanner Dimension	1.9 x 2.8 x 0.8 in.
Scanner Weight	3.4 oz
Trigger Switch Life	1 million times

Accessories

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



Specifications subject to change without notice.

Copyright 2011 Unitech Electronics Co., Ltd.
All rights reserved. Unitech is a registered trademark of Unitech Electronics Co., Ltd.

All product and company names are trademarks, service marks, or registered trademarks of their respective owners.

www.unitechbarcode.com

Unitech America, Inc. | 6182 Katella Avenue | Cypress, CA 90630
714-891-6400 ph | 800-861-8648 toll | 714-891-5050 fx