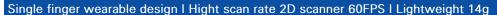


MS622 Wired 2D Ring Scanner





Single Finger Wearable design

Featuring flexible and lightweight wearable design, the MS622 ring scanner gives users freedom of movement to perform barcode scanning tasks comfortably while keeping both hands free. It's suitable for left and right hands, which is not only suitable for the operation of right hands, but also meets the handedness requirement on left-handers and fully embodies people orientation.

Superior 2D Scanning Performance

Built in the high-speed decoder paired with an aggressive scanning engine, the MS622 ring scanner delivers great performance up to 60 fps per second as well as capturing high density with a 5 mil resolution and a scanning width up to 146mm. The MS622 increased scan speed and operational effectiveness even while moving and also supports most 1D / 2D barcodes on mobile screens

Durable

Furthermore, it has an IP42 rating for dust and water resistance as well as a 1.5 meter drop spec that provides superior durability and reliability. Combining high performance and compact design, MS622 gives mobile worker conveniently and safely while on the go.



It is ergonomic and lightweight design, only about 14g that provides users with all-day superior comfort. By wearing the MS622 ring scanner on fingers and combining it with a WD200 wearable mobile computer, warehouse and retail workers are available to keep their hands on the items they are moving, increasing their productivity.

Features

- Flexibility hands-free scanning experience: single finger wearable design
- Compact and lightweight: weighs 14g
- Allows right and left hand operation
- Rugged and durable design with IP42 and 1.5m drops
- Plug and play, convenient to use
- Instant decoding feedback: LED, Buzzer indicators.





MS622

Specifications



Optical & Performance

CMOS Sensor (640 x 480 pixels) Sensor White LED Red LED (625nm) Aiming Element Ambient Light 100,000 Lux (Sunlight) Scan Rate 60 Frames/Sec

Skew Angle ±60° Pitch Angle Sensor ±60° Roll Angle 360° Optical Resolution ≥5mil 40% Printing Contrast Scale Depth of Field

(Environment: 800 lux) 5 Mil Code 39 : 45 ~ 145 mm 13 Mil UPC/EAN: 65 ~ 345 mm 6.67 Mil PDF417 : 55 ~ 120 mm

> 15 Mil QR Code : 35 ~ 165 mm 10 Mil Data Matrix : 50 ~ 115 mm

Communication

Host Interface supported **USB VCP**

USB HID

Communication

W27.6 x L46.2 x H26.8 mm Dimension

14g (w/o cable) Weight Trigger Switch Life 100,000

Electrical

5 VDC + 5% Operation Voltage

Current Consumption Working current: < 135mA

Standby current: < 15mA

LED, Buzzer Indicator

Symbologies

1D Barcodes 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

2D Barcodes QR Code, Micro QR Code, PDF417, Data

Matrix, Aztec

Environmental

Functional after 4KV contact, 8KV Air discharge **ESD Protection**

1.5M onto concrete (scanner only) Mechanical Shock

-20°C ~ 55°C Operating Temperature -40°C ~ 70°C Storage Temperature

0% ~ 95%RH (Non-condensing) Relative Humidity

IP42 IP Rating

Accessories

USB Micro to USB Type C CABLE for MS622/Coiled/Black/90mm

Regulatory Approvals

FCC, CE

What comes in the box

- MS622 Scanner with Velcro Strap
- Micro USB to USB Type C Cable (90nm)
- Spare Velcro Strap
- Quick Guide
- Regulatory Compliance Statements
- Hang Tag





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