

BS152

Wearable Ring Scanner BS152 2D Imager



It is increasingly common to find 2D barcodes on different types of products. In order to read them, a barcode reader capable of reading 2-dimensional codes is required.

We present the BS152 wearable scanner, a very practical ring scanner, specially designed for logistics operations where you need to have your hands free to handle boxes or where a small size reader is needed to read small boxes.

Thanks to its wireless technology, the BS152 can be connected via Bluetooth or Wireless 2.4Ghz, giving users freedom of use.

Specially designed for distribution centers, the pharmaceutical industry, supermarkets, convenience stores, retail, pharmacies, logistics operations and many other companies.

- 2D Wireless Reader
- Portable ring scanner
- Resists drops from 2 meters



Technical Specifications

PERFORMANCE

Reader type
2D Imager
Resolution
1280x800
Reading method
Manual, Automatic
Frames per second
60fps/s
Light source
625nm LED sight
4000K LED lighting
Reading angle
Elevation 65°, Tilt 30°, Declination 55°
Contrast
≥20%
Precision
≥4 thousand
Depth of field
30-350mm @ UPC/EAN 13 thousand
PCS=90%
40-400mm @ QR 20mil PCS=100%
Ambient light
0~100000Lux
Memory capacity
380000 bytes
Wireless communication distance
2.4GHZ: 50 meters
Bluetooth: 40 meters

WIRELESS FEATURES

Operating frequency
Frequency 2.400GHz-2.480GHz ISM
Transmission range
2.4G:50m
Bluetooth HID/BLE/SPP: 40m (in open sky)

DATA CAPTURE

It can read codes from screens
1D
All major symbologies including UPC/EAN/JAN, UPC-A & UPC-E, EAN-8 & EAN-13, JAN-8 & JAN-13, ISBN/ISSN, Code 39 (with full ASCII), Codabar (NW7), Code 128 & EAN 128, Code 93, Interleaved 2 of 5 (ITF), Addendum 2 of 5, IATA Code, MSI/Plessey, China Postal Code, Code 32 (Italian Pharmacode)
2D
All major symbologies including QR Code, Data Matrix, PDF417, Aztec, Maxicode, Dotcode, GS1 DataBar stack

POWER

Input voltage
5VDC ±5%
Running current
1000mA
Battery
600mAh
Charging mode
USB Cable
Loading time
2-3 hours
Battery life
8 hours

ENVIRONMENTAL

Operating temperature
-20° to 60°C
Storage temperature
-40° to 70°C
Humidity
5% to 95% (non-condensing)
Drop resistance
Resists 2 meter drops onto concrete
Protection against dust and water ingress
IP52

PHYSICAL CHARACTERISTICS

Dimensions
Scanner: 64.5mm x 34.5mm x 20.5mm
Scanner + ring set: 64.5mm x 40.5mm x 46.5mm
Weight
69grs
Notifications
Red and blue LED light, beep, vibration
Material
ABS+PC, TPU

