IDZOR R1000

Bluetooth Ring Barcode Scanner for iOS, Android, Windows, Mac

1D LASER

An effective solution for scanning of linear bar codes

IDZOR R1000 easy to connect to iOS and Android devices. Using the Bluetooth protocol, you can transfer the data directly to the mobile devices of all types, laptops, personal computers. Scan barcodes in any application on your smartphone.

IDZOR R1000 opens up new possibilities in the process of identification data. Scanner-ring is small and lightweight, convenient to be fixed on the finger. Due to the rotary scanning head, it can be mounted on the left or right hand. The scanner allows you to work with both hands at the same time convenient to scan barcodes by pressing your thumb on the Scan button.

This solution is ideal for the assembly of goods in the warehouse before shipment, to identify the product data in the logistics business processes, for inventory, etc.

Additional benefits

Scanner-ring IDZOR R1000 perfectly compatible with a special accessory WR-1000 wearable platform. IDZOR WR-1000 - is a portable platform for smartphone, convenient fixed on the wrist, and allows you to send scanned data to your smartphone wired and wirelessly.

Specification	R1000 1D Laser Bluetooth Ring Barcode Scanner
Mechanical	Length:53.9mm, Width: 40.0mm, Height:50.3mm
Weight	60g
Electrical	Power: DC5V Typical: 75mA DC5V
CPU	32bit ARM CPU
Data storage	100KB for offline mode: 6000 15 bytes barcodes(Other flash is optional).
Scan mode	Good-read off, Momentary, Alternate, Continuous, Host
Working mode	Bluetooth mode, USB mode, offline mode and RS232 mode(optional)
Artificial light immunity	100,000 lux
Scanner performance	Sensor Type: Laser Diode 650nm Scanner Rate: 100 times Scanner Angle: ±50°,±65°,±35°(skew, pitch, Roll) Contrast: >20% Decode Speed: 100 times per second
Battery power	Internal Battery: Changeable 350mAh Li-ion Battery, Standby 5 days, working time after full charge with good decode as below:

Continuous trigger scanning interval	Decoding number	Working time
1S	15500	4.3hours
5S	5550	7.7hours
10S	3590	10hours

Charge time: About 1.5hours

Barcode Type	UPC-A, UPC-E, EAN-13, EAN-8, ISBN/ISSN, Code 39, Code 39 full ASCII,Code 32, Trioptic Code 39, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5,Codabar (NW7), Code 128, Code 93, Code 11(USD-8), MSI/Plessey,UK/Plessey, UCC/EAN 128, China Post, GS1 DataBar (formerly RSS) variants

Decoding depth & Max. resolution	(1 mil = 0.0254 mm)

4 mil: 42- 75 mm
5 mil: 40-105 mm
10 mil: 10-250 mm
15 mil: 23-380 mm
20 mil: 35-490 mm
30 mil: 30-650 mm
55 mil: 75-900 mm

Communication	Class 3 Bluetooth HID, SPP with 20M distance, USB, RS232 cable(optional)
OS	IOS, Android, Windows, Mac
Certificate	CE, Rohs, FCC, EN60950, IEC60825, IP64, EMC, 1.2m drop test(500 times). Utility Model Patent No.: ZL201420211350.8
Laser safety	IEC60825-1-2007, Class 1
Temperature	Operating: -10°C to 60°C (-4°F to 140°F); Storage: -40°C to 70°C (-40°F to 158°F)
Humidity	5% to 90% (non-condensing)

1x R1000 1D Laser

Accessories

1X 3.7V 14250 Li-ion battery

1X Velcro

1X Silicone Case

1X USB cable