IDZOR TECHNOLOGIES

Good ideas and best solutions

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.

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<table>
<tr><td>Specification</td><td>R1000 1D Laser Bluetooth Ring Barcode Scanner</td></tr>
<tr><td>Mechanical</td><td>Length:53.9mm, Width: 40.0mm, Height:50.3mm</td></tr>
<tr><td>Weight</td><td>60g</td></tr>
<tr><td>Electrical</td><td>Power: DC5V Typical: 75mA DC5V</td></tr>
<tr><td>CPU</td><td>32bit ARM CPU</td></tr>
<tr><td>Data storage</td><td>100KB for offline mode: 6000 15 bytes barcodes(Other flash is optional).</td></tr>
<tr><td>Scan mode</td><td>Good-read off, Momentary, Alternate, Continuous, Host</td></tr>
<tr><td>Working mode</td><td>Bluetooth mode, USB mode, offline mode and RS232 mode(optional)</td></tr>
<tr><td>Artificial light immunity</td><td>100,000 lux</td></tr>
<tr><td>Scanner performance</td><td>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</td></tr>
<tr><td>Battery power</td><td>Internal Battery: Changeable 350mAh Li-ion Battery, Standby 5 days, working time after full charge with good decode as below:
<table>
<tr><th>Continuous trigger scanning interval</th><th>Decoding number</th><th>Working time</th></tr>
<tr><td>1S</td><td>15500</td><td>4.3hours</td></tr>
<tr><td>5S</td><td>5550</td><td>7.7hours</td></tr>
<tr><td>10S</td><td>3590</td><td>10hours</td></tr>
</table>
Charge time: About 1.5hours</td></tr>
<tr><td>Barcode Type</td><td>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</td></tr>
<tr><td>Decoding depth & Max. resolution</td><td>(1 mil = 0.0254 mm)
<table>
<tr><td>4 mil: 42- 75 mm</td></tr>
<tr><td>5 mil: 40-105 mm</td></tr>
<tr><td>10 mil: 10-250 mm</td></tr>
<tr><td>15 mil: 23-380 mm</td></tr>
<tr><td>20 mil: 35-490 mm</td></tr>
<tr><td>30 mil: 30-650 mm</td></tr>
<tr><td>55 mil: 75-900 mm</td></tr>
</table></td></tr>
<tr><td>Communication</td><td>Class 3 Bluetooth HID, SPP with 20M distance, USB, RS232 cable(optional)</td></tr>
<tr><td>OS</td><td>IOS, Android, Windows, Mac</td></tr>
<tr><td>Certificate</td><td>CE, Rohs, FCC, EN60950, IEC60825, IP64, EMC, 1.2m drop test(500 times).
Utility Model Patent No.: ZL201420211350.8</td></tr>
<tr><td>Laser safety</td><td>IEC60825-1-2007, Class 1</td></tr>
<tr><td>Temperature</td><td>Operating: -10°C to 60°C (-4°F to 140°F);
Storage: -40°C to 70°C (-40°F to 158°F)</td></tr>
<tr><td>Humidity</td><td>5% to 90% (non-condensing)</td></tr>
</table>

1x R1000 1D Laser

Accessories

1X 3.7V 14250 Li-ion battery

1X Velcro

1X Silicone Case

1X USB cable