Ring-Pocket-Wearable 2D Barcode Scanner

Features

- **Small size 52mm x 34mm x 48mm(Ring): easy to carry**
- **LCD Screen: 23 × 12 mm (for iDC98XXX series)**
- **BT v4.2: transmission distance up to 25 meters(Bluetooth)/70 meters up(2.4G)**
- **Vibration feedback on successful scan (read OK)**
- **Compatible with Android, iOS, and Windows devices**
- **Scan Modes: Normal (Direct Scan) or Storage (Memory Scan) – user selectable**
- **Keyboard Toggle support on iOS devices**
- **Ambidextrous glove design – can be worn on either the left or right hand**



Scanners Specifications :

Model Name	**iDC9802RU / iDC9862RU**	**iDC9802RUW**
Description	With LCD panel Bluetooth 2D Ring Barcode Scanner	
Engine	2D ENGINE - 2RU	

Performance Characteristics

• Illumination Element	White Light
• Aiming Light	Cross-type Laser
• Image Sensor	CMOS (1280× 800 pixels)
• Depth of Field	13 mil EAN 13 : 660 mm
• Best Resolution	1D (4mil) : Code 39 2D (5mil) : PDF417
• Print Contrast	≧ 25 %
• Scan Angle	Tilt: 360° / Pitch ±55° / Skew ±55°
• Indicators	green/red LED & Vibration & beeper
• Interface Charge	BT communication: 2.4G, BT HID profile or SPP profile (for iOS/Android devices) & BLE Type-C USB port
• Symbologies	1D: Code 128, EAN-13, EAN-8, Code 39, Code 32, UPC-A, UPC-E, Codabar, Interleaved 2 of 5,Industrial 2 of 5,Matrix 2 of 5,ISBN/ISSN, Code 93, Code 11 GS1-128, GS1 Databar,GS1 Databar Limited,GS1 Databar Expanded 2D: PDF417, QR Code, Micro PDF417, Micro QR Code, Data Matrix, Aztec GS1-composite

Electrical Characteristics

• Input voltage	5 VDC ± 5%
• Current - operating	< 320 mA
• Radio Range	BT v4.2 (transmission distance: Bluetooth:< 25 meters, 2.4G: 70 ~ 80 meters)
• RF Frequency	2.4GHz
• Battery Type	Rechargeable Li polly battery (3.7V 500mAh Li polly battery)
• Scans per charge	more than 5,000 scans when fully charged
• Charge Time	2 hours
• Memory capacity	16 MB Flash memory

Physical Characteristics

• Dimension (L x W x H)	52mm x 34mm x 48mm / 52mm x 32mm x 26mm |	---- .
• Weight	Scanner 38 g +/- 5 g, |	wearable Scanner 78 g +/- 5 g

User Environment

• Temperature-operation	-5°C to 50°C
• Temperature-storage	-15°C to 60°C
• Humidity	5% to 95% relative humidity, non-condensing
• Ambient Light	0-80,000 lux (total darkness-bright sunlight)

Decode Zone (DOF is measured at the office under 600 lux and by Standard barcode. There are +/- 10 mm Torrence. DOF may be also impacted by barcode quality and environmental conditions.)

• 4mil Code39	85	~	220	mm
• 5mil Code39	70	~	310	mm
• 13mil EAN13	60	~	660	mm
• 6.67 mil PDF417	100	~	260	mm
• 10 mil DataMatrix	70	~	340	mm
• 20 mil QR Code	45	~	480	mm

Product specification is subject to change without notice.

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