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	**iDC9800R / iDC9860R**	**iDC9800RW**
Description	With LCD panel Bluetooth 2D Ring Barcode Scanner	
Engine	2D ENGINE - 0R	

Performance Characteristics

• Illumination Element	Red or White Light
• Aiming LED	Red Light
• Image Sensor	CMOS (640×480 pixels)
• Depth of Field	13 mil EAN 13 ： 360 mm
• Best Resolution	1D (4mil)：Code 39 2D (5mil)：PDF417
• Print Contrast	≧ 25 %
• Scan Angle	Tilt: 360° / Pitch ±50° / Skew ±50°
• 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

Electrical Characteristics

• Input voltage	5 VDC ± 5%
• Current - operating	< 300 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 6,000 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 tested in environment (600 lux) with standard barcodes (PCS>= 90%). Tolerance: +/- 10 mm. DOF can be affected by barcode quality and environmental factors.)

• 4mil Code39	60 ~ 120 mm
• 5mil Code39	50 ~ 165 mm
• 13mil EAN13	50 ~ 360 mm
• 6.67 mil PDF417	60 ~ 150 mm
• 10 mil DataMatrix	45 ~ 180 mm
• 20 mil QR Code	45 ~ 260 mm

Product specification is subject to change without notice.

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