



Bluetooth Ring Barcode Scanner R40-N1

Feature

- **Core Technology**
Adopt the self-developed core decoding technology, with excellent decoding capabilities for 1D/2D.
- **3.0+4.2 Bluetooth transmission**
Via Bluetooth 4.2 Class 1 wireless technology, it can be paired with any Android, iOS or Windows device.
- **Can be used anywhere, anytime.**
Small enough to fit into your pocket and light enough to carry around all day, providing you with the convenience of always having a scanner at your fingertips.
- **Compatible Multiple Platforms**
Fully compatible with Windows, Android, Linux systems.

Scenarios

Mobile payments, e-coupons/e-vouchers, retail store management, inventory management, fixed asset management.

R40-N1/2D Bluetooth Ring Barcode Scanner

Performance	Image Sensor	640*480	
	Symbologies	2D: PDF417、QR Code (QR1/2, Micro)、Data Matrix (ECC200, ECC000, 050, 080, 100, 140) 1D : Code128, UCC/EAN-128, AIM128, EAN-8, EAN-13, ISBN/ISSN, UPC-E, UPC-A, Interleaved 2 of 5, ITF-6, ITF-4, Standard 25, Codabar, Industrial 25, Code39, Code 93, Code 11, Plessey, MSI-Plessey, GS1-DataBarTM(RSS) (RSS-14、RSS-Limited、RSS-Expand), Matrix 2 of 5	
	Scan precision	≥3mil	
	Depth of field	EAN-13 60mm~350mm (13mil) Code 39 40mm~150mm (5mil) PDF 417 50mm~125mm (6.67mil) Data Matrix 45mm~120mm (10mil) QR Code 30mm~170mm (15mil)	
	Scan angle	Pitch: ±60°; Roll: 360°; Skew: ±60°	
	PCS	≥25%	
	Interface	Micro USB, Bluetooth4.1	
	Bluetooth transmission distance	50 m(wide empty area)	
	Physical/electrical	Physical dimension	52.5×36.5×46.5mm(L×W×H)
		Weight	40g
Notifications		Sound, LED and vibration	
Battery type		3.7V 500mAh rechargeable Li-ion battery	
Usage hours per charge		14hrs of continuous use (EAN13 barcode, scan and transmit the data every each 5 seconds)	
Charging hours		2hrs	
Power supply		Output: DC 5V, 2A input: AC100 ~ 240V, 50~60Hz	
Environmental		Operating temperature	-20℃ to 50℃ (-4°F to 122°F)
	Storage temperature	-40℃ to 70℃ (-40°F to 158°F)	
	Operating humidity	5%~95% (non-condensing)	
	ESD	±8 KV (Contact discharge); ±15 KV (Air discharge)	
	Drop	1.2m	
	Shell protection	IP42	
Certifications	FCC Part15 Class B, CE EMC Class B, BIS		

Testing distance=(minimum depth of field + maximum depth of field)/2; environment temperature=23℃; environment illumination=300 LUX white bulb LED, 2D: QR CODE; 10 Bytes;
minimum width of barcode's empty space =15 mil; PCS=0.8;

Specification changes without previous notification.

V1.0



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