

CR40-2D

Bluetooth Ring Scanner

1D/2D

Features

- Ergonomic, lightweight, non-slip design, and support 180° rotation
- 380 mAh lithium polymer battery, 4.5 hours of sustainable use
- Read all common 1D/2D barcodes from paper and electronic screens
- Bluetooth is compatible with 4.0 standard, working range up to 30 meters
- Support offline storage for about 3000 barcodes
- Compatible with Windows, Android, iOS devices (such as computers, smartphones, tablets, etc.)

CR40-2D Technical Specifications

Working range	30 m(line of sight)
Radio link	2.4 GHz, Bluetooth4.0, Class1.5
Interface	Bluetooth: HID keyboard, SPP,BLE USB: USB HID keyboard, USB virtual COM
Data storage	6 KB for out of range batch: 375 barcodes(each barcode is of 15 bytes) 52 KB for data batch mode: 3250 barcodes(each barcode is of 15 bytes)
Keyboard layout	USA、 Turkish F/Q、 French、 Italian、 Spanish、 Slovak、 Denmark、 Japanese、 German
Dimensions	Length×Width×Depth: 52.6 mm×36 mm×47 mm
Case material	ABS+PC
Weight	33.8 g
Indicator	Beeper、 LED、 Vibrator
Programming method	Manual(reading special barcode)
Firmware upgrade	Online via USB interface
Input voltage	5.0 ± 0.25 VDC
Operating current	Sleeping: 17 mA, Working: 60 mA(Bluetooth On), Scanning: 500 mA(Bluetooth On)
Battery	380 mAh Lithium-ion battery, Charge current 400mA, Fully charged in 1 hour
Working time	Standby time: 12 hours, Operating time: 4.5 hours, based on 1 scan/5 seconds
Scan engine	ME5600
Light source	white LED, 2700K
Target light source	green LED, wavelength 525 nm
Image size	1280×800 pixels
Field angle	Horizontal: 41°, Vertical: 28°
Scanning angle	±70°, ±75°, ±360°(Skew、 Pitch、 Roll)
Minimum resolution	1D: 3mil
Decode capability	All common 1D/2D barcodes

	SR	HD	
Decoding depth	3mil Code 39 (3 bytes)	/	43-95mm
	4mil Code 128 (9 bytes)	19-123mm	35-123mm
	10mil Code 39 (3 bytes)	25-283mm	21-240mm
	13mil UPC (6 bytes)	18-326mm	17-270mm
	20mil Code 39 (1 bytes)	29-515mm	30-430mm
	6.7mil PDF417 (20 bytes)	40-160mm	24-159mm
	10mil QR (20 bytes)	28-180mm	16-166mm
	10mil DM (20 bytes)	25-193mm	17-187mm
	20mil QR (20 bytes)	25-360mm	20-290mm

Temperature	working: -15°C to 50°C(5°F to 122°F), storage: -20°C to 60°C(-4°F to 140°F)	
Humidity	5% to 95%(non-condensing)	
Safety	Laser safety: EN60825-1, Class 1	EMC: EN55022, EN55024
	Electrical safety: EN60950-1	Illumination: 0 to 100000LUX
	Protection class: IP50	Environmental: RoHS compliant
	Drop Resistance: Designed to withstand multiple drops at 1.0 m to concrete	

[Notice]: Specifications are subject to change without

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