

CR40-2D

Bluetooth Ring Scanner



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.)



CR40-1D

Specification			
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		
Decoding depth	3mil Code 39 (3 bytes)	SR /	HD 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		

