

# CR40-1D

## Bluetooth Ring Scanner

**1D**

### Features

- Ergonomic, lightweight, non-slip design, and support 180° rotation
- 380 mAh lithium polymer battery, 6 hours of sustainable use
- Minimum resolution reaches 4 mil
- 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 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	8 KB for out of range batch: 500 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	40 g		
Indicator	Beeper, LED, Vibrator		
Programming method	Manual(reading special barcode)		
Firmware upgrade	Online via USB interface		
Input voltage	4.75-5.25 V		
Operating current	sleeping: 12 mA, working: 45 mA(Bluetooth On), scanning: 112 mA(Bluetooth On)		
Battery	380 mAh Lithium-ion battery, Charge current 400 mA, Fully charged in 1 hour		
Working time	Standby time: 160 hours, Operating time: 6 hours, based on 1 scan/5 seconds		
Scan engine	uE966		
Light source	650 nm visible laser diode		
Scanning angle	±50° , ±65° , ±35° (Skew, Pitch, Roll)		
Scanning rate	100±10 times/second		
Barcode contrast	minimum 20%		
Decode capability	UPC-A, UPC-E, EAN-13, EAN-8, ISBN/ISSN, Code 39, Code 39 full ASCII, Code 32, Trioptic Code 39, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Codabar(NW7), Code 128, Code 93, Code 11(USD-8), MSI/Plessey, UK/Plessey, UCC/EAN 128, China Post, China Finance, GS1 DataBar(formerly RSS)variants		
Minimum resolution	4 mil		
	4 mil	Code 39 (9 bytes)	50 - 90 mm
	4 mil	Code 39 (9 bytes)	50 - 115 mm
	10 mil	Code 39 (5 bytes)	20 - 260 mm
	15 mil	Code 39 (5 bytes)	30 - 380 mm
	20 mil	Code 39 (3 bytes)	45 - 490 mm
	30 mil	Code 39 (2 bytes)	40 - 700 mm
	55 mil	Code 39 (2 bytes)	80 - 850 mm
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		

[Notice]: Specifications are subject to change without notice.

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