

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
Decoding depth	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

