

# CR40-1D

## Bluetooth Ring Scanner



### 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 Specification

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	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 time /second
Barcode contrast	Minimum 20%
Decode capability	UPC-A, UPC-E EAN-13, EAN-8, ISBN/ISSN, Code 39, Code 9, full ASCLL, Code 32, Trioptic Code 39, Inter leaved 2 of 5, Industrial 2 of Matrix 2 of 5, Codabar (NW7), Code128, Code 93, Code 11(USB-8) , MSI/Plessey, UK/Plessey, UCC/EAN 128, China Post, China Finance, GS1 DataBar (formerly RSS )variants
Minimum resolution	4 Mil
Decoding depth	4mil Code 39 (9 bytes) 50 – 90 mm
	4mil Code 39 (9 bytes) 50 – 115 mm
	10mil Code 3 (5 bytes) 20 – 260 mm
	15mil Code 3 (5 bytes) 30 – 380 mm
	20mil Code 3 (3 bytes) 45 – 490 mm
	30mil Code 3 (2 bytes) 40 – 700 mm
	55mil Code 3 (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