

CS-40

Bluetooth 2D Ring Scanner



- ✓ Ergonomic, lightweight, non-slip design, and support 180° rotation
- ✓ 380 mAh Lithium-ion battery, 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.)



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Mechanical

Working Range	30m (line of sight)
Radio Link	2.4 GHz, Bluetooth 4.0, Class 1.5
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	52.6mm(L) x 36mm(W) x 47mm(D)
Case Material	ABS + PC
Programming Method	Manual

Electrical

Input Voltage	5.0 ± 0.25VDC
Current	Standby : 14mA, Operation : 46 mA (Bluetooth On), Scanning: 460 mA(Bluetooth On)

Performance

CPU	32-bit ARM Microprocessor
Scan Engine	ME5800
Image Size	1280 x 800 pixels
Light Source	Illumination : 2700 K, white LED
Scanning Angle	±70°, ±72°, ±360° (skew, pitch, roll)
Field of View	Horizontal: 42°, vertical: 26.5°
Decode capability	1D: 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 2D: PDF417, MicroPDF417, QR code, DataMatrix, Han Xin Code, Aztec Code

Environmental

Temperature	-15°C to 50°C / 5°F to 122°F (operating); -20°C to 60°C / -4°F to 140°F (storage)	
Safety	EMC: EN55022, EN55024 Electrical Safety: EN60950-1 Sealing - IP50	Laser Safety: EN60825-1, Class 1 Illumination: 0 to 100,000 lux Environmental : RoHS
Humidity	5% to 95% (non-condensing)	

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

Decoding Depth	Narrow Width	Distance
	4 mil Code 128 (9 chars)	85 - 145 mm
	10 mil Code 39 (3 chars)	30 - 310 mm
	13 mil UPC (6 chars)	25 - 330 mm
	20 mil Code 39 (1 chars)	30 - 485 mm
	6.7 mil PDF417 (20 chars)	75 - 190 mm
	10 mil QR (20 chars)	48 - 190 mm
	10 mil DM (20 chars)	50 - 185mm
	20 mil QR (20 chars)	20 - 390 mm
	* Performance vary by bar code printing quality and environmental conditions.	