



# Wearable Barcode Scanner

## Specification

Model : R40 2D

Photo



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	2D:6 KB for out of range batch: 375 barcodes(each barcode is of 15 bytes) 2D:52 KB for data batch mode: 3250 barcodes(each barcode is of 15 bytes) 1D:8 KB for out of range batch: 500 barcodes(each barcode is of 15 bytes) 1D: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: 14 mA, working: 46 mA(Bluetooth On), scanning: 460 mA(Bluetooth On)
Battery	380 mAh Lithium-ion battery, Charge current 400mA, Fully charged in 1 hour
Working time	2D: Standby time: 48 hours, Operating time: 5 hours, based on 1 scan/5 seconds
Scan engine	2D:ME5800
Light source	white LED, 2700K
Target light source	green LED, wavelength 525 nm
Image size	1280×800 pixels
Field angle	Horizontal: 42°, vertical: 26.5°
Scanning angle	±70°, ±72°, ±360°(Skew、 Pitch、 Roll)
Minimum resolution	1D: 4mil Code 39, 2D: 6.7mil PDF417
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
Decoding depth	4mil Code 128 (9 bytes) 85-145mm 10mil Code 39 (3 bytes) 30-310mm 13mil UPC (6 bytes) 25-330mm 20mil Code 39 (1 bytes) 30-485mm 6.7mil PDF417 (20 bytes) 75-190mm 10mil QR (20 bytes) 48-190mm 10mil DM (20 bytes) 50-185mm 20mil QR (20 bytes) 20-390mm
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