RT330

2D Wireless Barcode Reader

The RT330 is a 2D wireless barcode reader, it communicates by 433Mhz ISM radio frequency with about 500 meters outdoor communication distance (without any obstacle).

Readable most 1D barcode and 2D barcode such as QR code, PDF417 code, Data Matrix, Aztec Code...

The barcode reader goes with a base/stand as a charger and also a receiver, the decoded data firstly transferred to the base and the base connects with computer via USB or RS232 interface and uploads the decoded data to computer.

Features:

- Supports 433MHZ RF for long distance wireless communication
- Very comfortable operation design.
- Error rate less than 1/5 million
- Antiknock design: withstands 1.5M drops
- Supports most 1D and 2D bar codes
- With reading window from Germany, Scratch-proof

Specification:

Scan Performance

Scan Pattern	Area-imaging
Bit error rate:	1/5 million
Sensor Resolution	0.8 mega pixels, 640*480 pixels
Motion tolerance:	up to 25in. (63.5cm) per second
Roll, Pitch, Skew	360, ±65°, ±60°
Print Contrast	≥ 25%
Mention pattern:	Buzzer indicator
Decode Capability	1D: UPC\EAN with supplementals\ Bookland EAN\ ISSN\ UCC Coupon Extended Code\ Code 128\ GS1-128\ ISBT 128\ Code 39\ Code 39 Full ASCII\ Trioptic Code 39\ Code 32\ Code 93\ Code 11\ Matrix 2 of 5\ interleaved 2 of 5 Discrete 2 of 5\ Codabar\ MSI\ Chinese 2 of 5\ GSI DataBar Variants\ Korean 3 of 5\ ISBT Concat 2D: PDF417, Micro PDF417, QR Code, Micro QR, DataMatrix, Aztec Code, Maxi code

Electrical

Communication	Radio Frequency 433MHz ISM band
Workable distance	up to 500 meters outdoor without obstacle
Light Source :	Aimer: 617nm LED; Illumination: 625nm LEDs
Operating Power	2 W (400mA @ 5 VDC)
Interface	USB HID-KBW, USB Virtual Com, RS232, 1.5 meters cable
Scanning duration time	15+ hours continuously

Environmental

Operating Temperature	0°C to 50°C
Storage Temperature	-40°C to 60°C
Humidity	5% to 95% relative humidity, non-condensing
Ambient light immunity	Immune indoor light up to 1600 Lux and sunlight up to 86,000 Lux
Electromagnetic compatibility	CE FCC
Warranty	1 year factory warranty