



RT105

Wireless Laser Bar Code Reader



- ▶ It is a wireless barcode reader, the reader works together with a receiver which connected with computer, the reader and the receiver communicate each other by 433MHz radio frequency, the decoded data is transmitted from the reader to the receiver, then uploaded to computer.

And at the same time, the reader with build-in battery, memory and LCD displayer, so it can also work stand alone, and the decoded data can be showed in its displayer.



Features:

- Build-in LCD displayer, build-in battery, and memory for data storage
- Up to 500 meters(outdoor) communication distance
- Easy to use
- Small and portable
- High speed: 200 times per second
- Suitable especially for warehouse management, logistic and production lines management

“This a very cost-effective solution for those applications which need PDA barcode terminal but only for simple function.”

Mechanical

Dimensions (LxWxH)	122mm x57mm x 29mm.
Weight	102 g

Electrical

Input Voltage	3.7 VDC
Operating Power	0.24 W
Standby Power	0.0018 W
Laser	650nm
Memory	4M Bytes
Battery	3.7V/1000mAH,Li-ion.
Standby time:	3 Months
Woking time:	20 days
Interfaces	RS232, USB-HID, RS485
Band frequency	433Mhz ISM
LED class	IEC/EN60852-1:2001, IEC/EN62471:2006
Electromagnetic compatibility	CE Class1: EN60825-1

Environmental

Operating Temperature	-10°C to 50°C
Storage Temperature	-40°C to 60°C
Humidity	5% to 95% relative humidity, non-condensing
Drop	withstand 1.0 m drops to concrete on each of the faces
Illumination Levels	0 to 100,000 lux

Scan Performance

Scan Pattern	Linear
Scan Angle	Horizontal 50°; Vertical: 20°
Symbol Contrast	25% minimum reflectance difference
Pitch, Skew,rotate	60°, 65°, 360°
Decode Capability	1D: EAN-8, EAN-13, UPC-A, UPC-E, Code 39, Code93, Code28, EAN128, Codaber Industrial 2 of 5, Interleave 2 of 5, Matrix 2 of 5, MSI,Chinese postcode, etc. 2D: Not support(but accept customization)

Warranty	1 year factory warranty
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Reading distance range

5mil	35-110mm
10mil	15-280mm
13mil	20-320mm
16mil	35-360mm
35mil	150-625mm