



RW21

2D Wireless Barcode Scanner

Stylish and ergonomic design
Strong scanning performance
Ultra-long standby time



1D/2D



Mobile payment



ARM



Red LED



640x480 Pixels



2.4G



Bluetooth 5.2

Features

- Stylish and ergonomic design, comfortable for long time using
- Powerful scan engine, quick reading all kinds of small and difficult barcodes
- 2600mAh removable standard battery, easy replacement without tools
- Conspicuous big LED indicator and loud buzzer improve the scanning feedback
- Ideal for retail stores, supermarkets, restaurants, libraries, pharmacies, etc



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Technical Parameters

Performance Parameter

CPU	32bits ARM
Light Source	White LED (Lighting) Red LED (Aiming)
Scan Mode	Manual & Automatic
Image Sensor	CMOS
Resolution	640x480 Pixels
Scan Speed	60 FPS
Scan Precision	≥3mil (Code 128 6 digits)
Depth of Field	70~370mm (13mil Code39)
Print Contrast	≥10%
Interface	USB-HID, USB-VCP
Indicator	LED Indicator light, buzzer
Decoding Capability	1D: Codabar, Code11, Code39, Code32, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Code93, Code128, GS1-128, UPC-A, UPC-E, EAN 8, EAN 13, ISBN, ISSN, GS1 DataBar (RSS14), GS1 DataBar Limited, GS1 DataBar Expanded, MSI, Standard 25, Plessey 2D: PDF417, Micro PDF417, QR Code, Data Matrix, Aztec Code, Hanxin code, Maxicode



Physical Parameter

Size	Scanner: 177x85x68 (mm) 2.4G dongle: 15x6x19 (mm)
Weight	Scanner: 210g 2.4G dongle: 1.6g
Case Material	ABS+PC
Battery Capacity	2600mAh

Electrical Parameter

Input Voltage	DC 5V±10%
Working Current	550mA @DC3.7V
Standby Current	147mA @DC3.7V

Enviromental Parameter

Temperature (Operating)	-10°C~50°C
Humidity	5% to 95% (Non-condensing)
Temperature (Storage)	-20°C~60°C
IP	IP42
Resistance To Ambient Light	0 ~ 100,000Lux (Sunlight)

The depth of field performance

Code 39 (6 digits)	Minimum distance (mm)	Maximum distance (mm)
4mil	40	120
8mil	40	240
13mil	70	370
20mil	100	570
EAN 13 (6 digits)		
4mil	50	120
8mil	40	220
13mil	50	380
20mil	80	550
Code 128 (6 digits)		
4mil	40	120
8mil	30	260
13mil	30	430
20mil	70	570
QR (30 digits)		
6mil	50	80
15mil	10	220
20mil	40	280
45mil	60	510

*RW21-21/07/26B-V.1.0.0

