SUNLUX

RW20

2D Wireless Barcode Scanner

Stylish and handy appearance

Quick and accurate scanning

Flexible and portable usage



1D/2D | Mobile payment | ARM | Red LED | 640x480 Pixels | 2.4G | Bluetooth 5.2

Features

- Stylish and handy design, compatible with modern retail environment
- 2600mAh removable standard battery, easy replacement without tools
- 3 mil minimum scanning precision can face with the challenge of different difficult barcodes
- Conspicuous big LED indicator and loud buzzer improve the scanning feedback
- Wide transmission distance in open space: 2.4G 100m, BT 100m





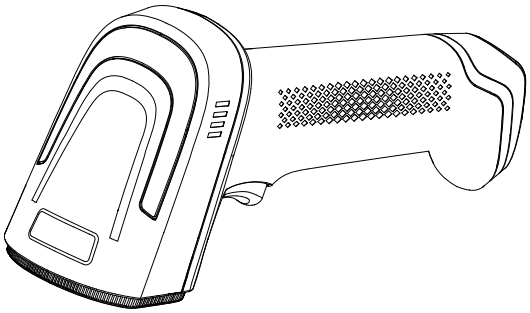
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RW20
Technical Parameters

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
Depth of Field	60~300mm (13mil Code39)
Print Contrast	≥15%
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



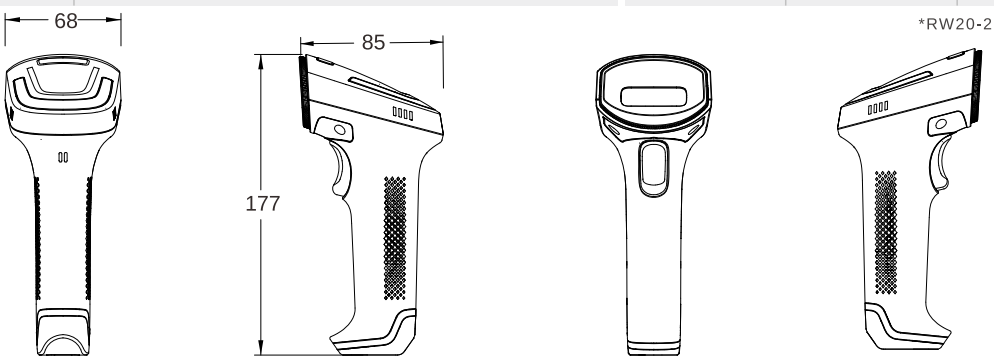
Physical Parameter	
Size	Scanner: 177x85x68 (mm) 2.4G dongle: 15x6x19 (mm)
Weight	Scanner: 210g 2.4G dongle: 1.6g
Continuous Battery Life	≥20H (One scaning every 5 seconds)
Battery Capacity	2600mAh
Communication Distance	2.4G mode: 100m Bluetooth mode: 100m (Open space)

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

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

The depth of field performance

Barcode Type	Minimum distance (mm)	Maximum distance (mm)
Code 39 4mil	60	120
Code 39 8mil	40	200
Code 39 13mil	60	300
Code 39 20mil	90	400
EAN 13 4mil	60	120
EAN 13 8mil	20	210
EAN 13 13mil	40	300
EAN 13 20mil	60	410
Code 128 4mil	50	120
Code 128 8mil	20	200
Code 128 13mil	30	290
Code 128 20mil	50	400
QR 15mil	20	200
QR 20mil	30	270
QR 45mil	60	500



*RW20-21/07/26B-V.1.0.0