



# RW21C

## 2D Wireless Barcode Scanner

Stylish and ergonomic design  
Strong scanning performance  
Multi-functional stand



1D/2D



Mobile payment



ARM



Red LED



640x480 Pixels



2.4G



Bluetooth 5.2

### Features

- Stylish and ergonomic design, comfortable for long time using
- Multi-functional stand supports scanning barcodes during charging
- 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
- Suitable for retail stores, supermarkets, restaurants, warehouse and logistics



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# RW21C

## 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<br>2D: PDF417, Micro PDF417, QR Code, Data Matrix, Aztec Code, Hanxin code, Maxicode |



### Physical Parameter

|                  |                                                 |
|------------------|-------------------------------------------------|
| Size             | Scanner: 177x85x68 (mm) Cradle: 145x68x169 (mm) |
| Weight           | Scanner: 210g Cradle: 277g                      |
| Case Material    | ABS+PC                                          |
| Battery Capacity | 2600mAh                                         |

### Electrical Parameter

|                 |                                      |
|-----------------|--------------------------------------|
| Input Voltage   | DC 5V±10%                            |
| Working Current | Scanner: 550mA @DC3.7V Cradle: 550mA |
| Standby Current | Scanner: 147mA @DC3.7V Cradle: 10mA  |

### 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                   |

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