

**RD2035**

## 2D Handheld Wireless Barcode Scanner



1D 2D QR  
Scanner



Long battery life



Bluetooth

### **A** **a** Product Description

- RD2035 can easily read almost all standard one-dimensional and two-dimensional bar codes, and its reading distance and resolution have excellent performance. The overall design of the RD2035 is fully in line with the ergonomic specification requirements, and the operator can use it without any training. Even if it works for a long time, it will not feel tired.
- The RD2035 is protected by a high-strength ABS shell + rubber front sheath. The internal components are designed to take into account the harsh industrial environment. Even if an accidental fall occurs, it will not cause damage to the product. The high-brightness LED and high-quality photosensitive module carried by the internal decoding engine have a theoretical design life of more than 100,000 hours, which greatly improves the life of the whole machine.
- The RD2035 series has 3 types of models. RD2035U is a wired code scanning gun, RD2035WL is a 2.4G wireless code scanning gun, and RD2035BT is a wireless Bluetooth code scanning gun (including 2.4G wireless mode). It can be used for a long time all day on a single charge. The blue LED code reading indicator and comfortable buttons can bring a satisfactory work experience for the operator

## B Product Features

- ✓ Support high-performance 1D/2D barcode scanning, which has good performance for barcodes that are poorly printed, contaminated or deformed and are difficult to read
- ✓ In line with ergonomics design, Gun Type shape, comfortable operation, not easy to fatigue after long-term operation
- ✓ One charge, it can be used continuously for more than 8 hours
- ✓ Rubber front sheath, with certain impact resistance
- ✓ Wired / 2.4G and optional Bluetooth wireless communication, use anytime, anywhere
- ✓ High IP rating: more durable, resistant to fall, and long life
- ✓ High-pitched buzzer prompts and blue LED reading instructions, immediate feedback on the reading experience

## C Product Parameter

Parameters	
Pixel	VGA (640 x 480), Support global exposure Sensor
light source	Aiming :617nm LED; 3500K Warm white LED
Scanning distance	30 mm - 250 mm @UPCA -13 mil 100 % ,PCS=90%
Field of view angle	38° (H) x 25° (V)
Scanning speed	90 frames/sec
Scanning method	Button trigger scan/ sense mode scan
Minimum resolution	0.076mm(3mil)@Code 39, PCS=90%
Printing contrast	≥30%(UPC/EAN 100% , PCS 90%)
LED indication	Blue + red LED indication
Voice	Buzzer tone
Wired communication	2.0m data cable
Wireless communication	Bluetooth supports three working modes: HID/SPP/BLE, 50-80 meters in open environment in Bluetooth mode; 100-200 meters in open environment in 2.4G mode.
Physical parameter	
size	151.9 x 98.1 x 68 mm
weight	Wireless: about 180g; Wired: 130g (without data cable)
Power parameters	
Rated charging voltage	5VDC±5%
Rated charging current	1000mA
Rated lithium battery capacity	2000mAH
Working time on one charge	More than 8 hours
Rated charging voltage	5VDC±5%
Rated charging current	1000mA
Rated lithium battery capacity	2000mAH
Working time on one charge	More than 8 hours
More than 8 hours	
EMC	CE EN55022 B, FCC Part 15 Class B, VCCI, BSMI
IP rating	IP54
Environmental parameters	
Operating temperature	-10°C~50°C

Working humidity	5%~95% No condensation
storage temperature	-40°C~+70°C
Ambient brightness	0~8,600Lux (fluorescence) 0~100,000Lux (daylight)
Fall resistance	Can withstand multiple drops from a height of 1.5 meters
<b>Reading distance</b>	
Code 39 -3 mil	30 - 60mm
Code 39 -3 mil	25 -80 mm
Code 39 -3 mil	25 - 100 mm
UPCA -13 mil	30 - 250 mm
<b>Decoding type</b>	
<p>1D:  UPC/EAN/JAN,UPC-A &amp; UPC-E,EAN-8 &amp; EAN-13,JAN-8 &amp; JAN-13, ISBN/ISSN,Code 39 (with full ASCII),  Codabar (NW7),Code 128 &amp; EAN 128 Code 32 Code 11 Codabar MSI Plessey Interleaved 2 of 5  Matrix 2 of 5 Straight 2 of 5 IATA 2 of 5 Pharmacode GS1 DataBar (Omnidirectional(RSS-14 )  Stacked , Limited , Expanded , Expanded Stacked) Interleaved 2 of 5  Stacked bar code:  PDF417 MicroPDF417</p> <p>2-D:  Data Matrix QR Code Micro QR Code  Support mobile phone screen reading</p>	