2D Handheld Barcode Scanner

R2D2

Product Description

R2D2 is wireless 2.4G and bluetooth 2D handheld barcode scanner with leading CMOS image recognition technology.

It can easily read the
paper, goods, screen and other media barcodes.

Widely used in manufacturing, warehouse, logistics, health care, retail chain, mobile payment, express delivery, inventory management, food traceability, asset inventory,etc.

Features

☆ Ergonomic design, comfortable using.

☆Read all mainstream 1D 2D barcodes in the market easily. (3mil)

☆ Interface: USB, wireless 2.4G, Bluetooth.

☆Dual mode: wired, wireless, Ultra-low power consumption.

☆ Transmission distance 100m, intelligent automatic connection when it ➤ s beyond range, not manual setting.

☆Widely used in supermarket, warehouse, mobile payment, chain stores.

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High rebound button

Scanning window

buzzer

Indicator light

Charging interface

Application

■ Supermarket

■ Warehouse

■Mobile payment

■Retail chain

■Courier

■Health care

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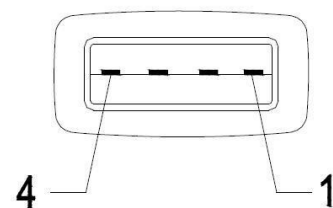## Cable Interface

R2D2 scanner must be connected with terminals, PC host, POS and Android host etc.

USB

Pin No.	Function
1	Vcc
2	D-
3	D+
4	GND

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Scan Type	CMOS
Light Source	Red Light LED 525±10nm (Aim), 5600K LED (Lighting) Note: global exposure camera, lighting brightness will change automatically according to different reading distance.
CPU	32-bit
Resolution	640*480
Resolution	≥3mil/0.1mm (PCS90%,CODE 39)
Decoding speed	65CM/S
Depth of field	30-600mm
Scan view	41° * 31°
Scan mode	Manual , Continuous, Auto Sense
Scan angle	Roll (±360°、Pitch ±60°or greater、Yaw ±55°or greater)
Print Contrast Signal	≥15%
Ambient Light	Dark environment, indoor natural light
Wireless communication mode	Synchronization , storage
Wireless transmission distance	2.4GHz,100meters (Open distance), Bluetooth 30m (Open distance)
Storage	350Kb (over 20,000 Product code)
Battery capacity	2000mAh
Battery charging time	About 6.5h
Continuous working time	≥20 h
Symbologies	1D :UPC-A, UPC-E, EAN-8, EAN-13, Code 128, GS1-128, Code 39, Code 32, Code 93, Code 11,

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	Interleaved 2 of 5, Matrix 2 of 5, Industrial 2 of 5(Straight 2 of 5), Standard 2 of 5 (ATA 2 of 5),Codabar(NW-7), MSI, GS1 Databar(Omnidirectional, Limited, Expanded), China Post, Tepepen, Febraban (Brazil bank code), GS1 Composite etc. 2D: QR Code, Micro QR Code, Data Matrix, PDF417, Micro PDF 417, MaxiCode, Aztec, HanXin Code, etc.

Physical Parameter

Weight	≈151g (without cable)
Dimension	L161mm * W63mm * H80mm
Communication	USB, Wireless 2.4G, Bluetooth
Interface Type	B type USB
Cable length	1.8m
Power Supply	DC5V input, Decoding current 200mA

Environmental

Operating	0℃ to 55℃
Storage	-40℃ to 60℃
Humidity	5% to 95% (non-condensing)
Drop Height	1.5m
Temp. Test	30 minutes for high Temp., 30 minutes for low Temp.,
HighTemp. 60℃	
LowTemp. -40℃	

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Transport	10H@125RPM

Accessories List

Cable	USB, connect the scanner to a host device and charging.
Receiver	Used to receive and transmit scanner data.