
2DWireless Barcode Scanner

Specification

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Product Description



This is a high-performance 2D bluetooth barcode scanner with leading COMS image recognition technology. It can easily read the printed, 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

- ☆ Wearable design, widely used in warehouse, express.
- ☆ Read all mainstream 2D barcodes in the market easily.(4mil)
- ☆ 100,000 data storage capacity.
- ☆ Bluetooth 4.2, intelligent automatic connection when its beyond range, do not need manual setting.
- ☆ Mode: Bluetooth(HID,SPP,BLE), connected with PC and mobile phone easily.

Application

- | | |
|------------------|----------------|
| ■ Supermarket | ■ Warehouse |
| ■ Mobile payment | ■ Retail chain |
| ■ Courier | ■ Health care |

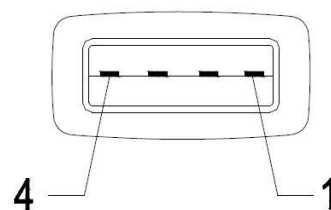


Cable Interface

The scanner must be connected with terminals, such as PC host, POS and Android host etc.

USB

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



Performance

Scan Type	CMOS
Light Source	Red Light LED 625±10nm (aim), 5600K LEDs (Lighting)
CPU	32-bit
Resolution	640*480
Resolution	≥4mil/0.1mm(PCS90%,Code 39)
Decoding speed	25CM/S
Depth of field	10mm-500mm
Scan Mode	Manual ,Continuous, Auto Sense
Scan angle	Roll±360°, Pitch±65°, Skew±60° (PCS90%, Code 39, 10mil/0.25mm)
Print Contrast Signal	≥25%
Ambient Light	Dark environment, indoor natural light
Wireless communication mode	Synchronization , storage
Wireless transmission distance	Bluetooth 30meters (Open distance)
Storage	16Mb (over 100,000 Product code)
Battery capacity	400mAh
Battery charging time	About 1.5 hours

Continuous working time	≥4hours
Symbologies	1D: UPC-A, UPC-E, EAN-8, EAN-13, ISSN, ISBN, Code 128, GS1-128, ISBT 128, Code 39, Code 93, Code 32, Code 11, Interleaved 2 of 5, Matrix 2 of 5, Industrial 2 of 5, Standard 2 of 5 (IATA) , Codabar (NW-7) , Plessey, MSI Plessey, GS1-Databar (RSS) , Itf-14, etc. 2D: QR Code, Data Matrix, PDF 417, Aztec Code, Maxicode, Hanxin. etc.

Physical Parameter

Weight	≈35g (without cable)
Dimension	L52.8mm * W36.0mm * H50mm
Communication	USB、Wireless Bluetooth 4.2, Virtual Bluetooth
Interface Type	Micro USB
Power Supply	DC 5V@120mA(work)

Environmental

Operating	0°C to 50°C
Storage	-30°C to 60°C
Humidity	5% to 95% (non-condensing)
Drop Height	1.5m
Temp. Test	30 minutes for high Temp., 30 minutes for low Temp.,

<i>High Temp.</i> 60°C	
<i>Low Temp.</i> -20°C	
Transport	10H@125RPM

Accessories List

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

Depth of field

Barcode	Precision	near	far
Code 39	0.076(4mil)	40mm	130mm
Code 39	0.1mm(5mil)	40mm	150mm
Code 39	0.5mm(20mil)	50mm	400mm
Code 39	1.0mm(40mil)	120mm	500mm
EAN-13	0.33mm(13.0mil)	50mm	250mm
QR Code	20.0mil	10mm	210mm
Data Matrix	10mil	20mm	70mm
PDF 417	6.8mil	20mm	140mm

Test Condition: T=25°C, Illumination=200LUX, PCS=0.9