

2D Handheld Barcode Scanner

PTH5-2D Specification

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Product Description



PTH5 is a high-performance 2D bluetooth and wireless 2.4G 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. (4mil)
- ☆ Interface: USB, bluetooth 4.2, Wireless 2.4G.
- ☆ Ultra-low power consumption, continuous working time 20h.
- ☆ Bluetooth , long wireless distance 50 m, can be used in mobile phone and PC.
- ☆ Widely used in supermarket, warehouse, mobile payment, chain stores.

Application

■ Supermarket

■ Warehouse

■ Mobile payment

■ Retail chain

■ Courier

■ Health care

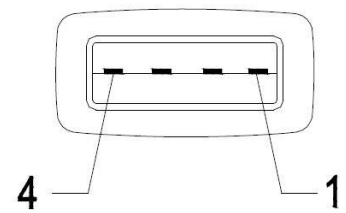


Cable Interface

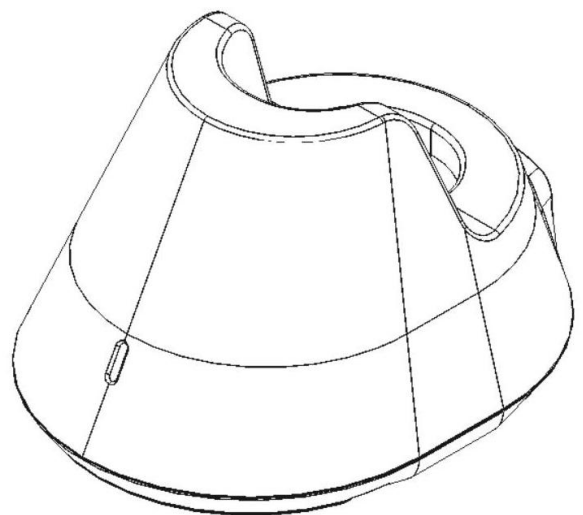
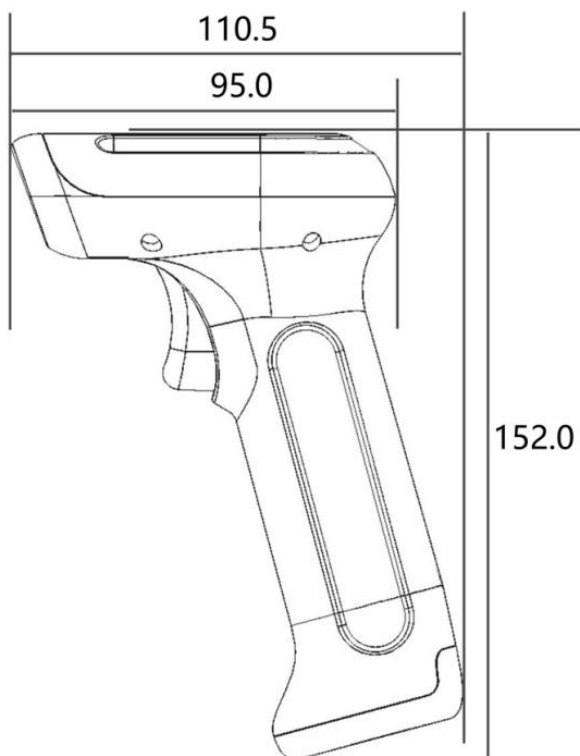
PTH5 2D Handheld scanner must be connected with terminals, PC host, POS and Android host etc.

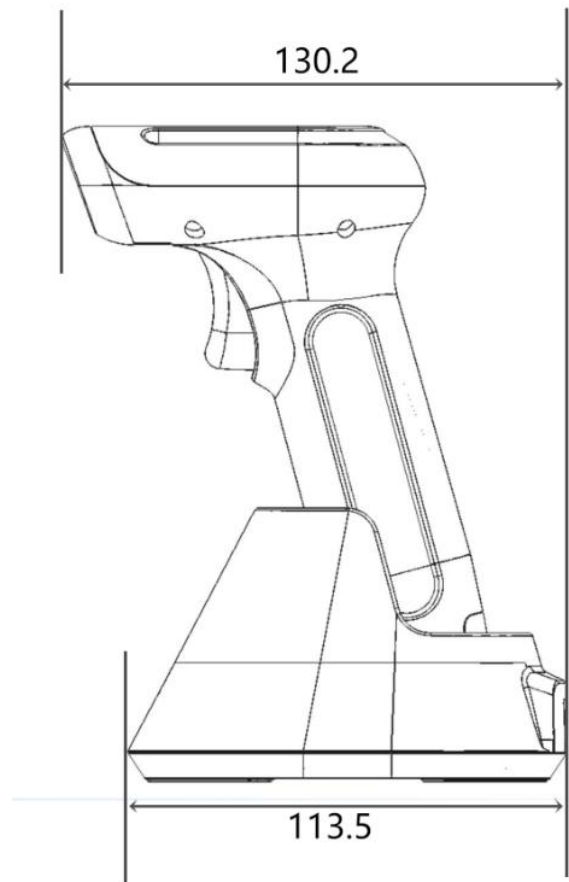
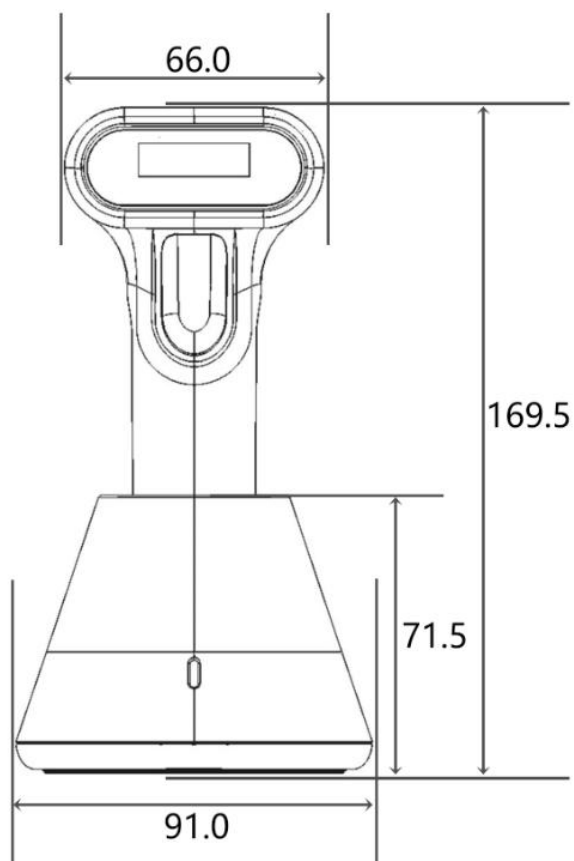
USB

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



Dimension (unit:mm)





Performance

Scan Type	CMOS
CPU	ARM32-bit
Pixel	1.3M CMOS Global exposure
Resolution	≥3mil/0.076mm (PCS90%,CODE 39)
Decoding speed	100CM/S
Depth of field	50mm~900mm
Scan Mode	Trigger mode、 Auto sense mode
Scan angle	Roll: ±360°、 Pitch: ±60°or greater、 Yaw: ±55°or greater)
Visual angle	Horizontal 40°× Vertical 30°
Print Contrast Signal	≥25% PCS
Ambient Light	Dark environment, indoor natural light
Wireless transmission distance	2.4GHz,70meters; Bluetooth 30meters (Open distance)
Storage	350KB (over 20,000 Product code)
Battery capacity	5000mAh
Battery charging time	About 7 hours
Continuous working time	≥36hours
Standby time	1 month
Symbologies	1D: UPC-A, UPC-E, EAN-8, EAN-13, Code 128, GS1-128, Code 39, Code 32, Code 93, Code 11, Interleaved 2 of 5 , Matrix 2 of 5 , Industrial 2 of 5(Straight 2 of 5) , Codabar (NW-7) , GS1

Databar(Omnidirectional, Limited, Expanded), etc.

2D: QR Code, Micro QR Code, Data Matrix, PDF417, Micro PDF 417, Aztec, etc.

Physical Parameter

Communication	USB、Wireless 2.4G、Wireless Bluetooth 4.2
Interface Type	Type-B
Power Supply	DC 5V@250mA(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.