



iMARCONE
马可尼

2D Wireless Barcode Scanner

ST-5303SRB

Product Feature

1. iMARCONE 7.0 algorithm, more accurate aiming and faster decoding speed;
2. 2.4G + Bluetooth dual-channel, switch freely;
3. 2900 mAh large-capacity removable battery;
4. Horizontal base design, both desktop and wall-mounted installation;
5. LCD displays barcode content and counts, button settings improve efficiency.

Technical Specification

Performance Parameter

Light source type: Green LED aiming light, white LED fill light.

Decoding ability:

1D: UPC-A, UPC-E, EAN-8, EAN-13, ISBN, Code 128, GS1 128, ISBT 128, Code 39, Code93, Code 11, Interleaved 2 of 5, Industrial 2 of 5, Matrix 25, Standard 25, Codabar, MSI/MSI PLESSEY, GS1 DataBar.

2D: QR Code, Data Matrix, PDF417, MaxiCode, Aztec, Hanxin code.

Scan type: CMOS

Resolution: 640*480

Scanning mode: Manual mode / Automatic mode / Continuous mode

Scanning angle: Elevation $\pm 55^\circ$, Rotation 360° , Yaw $\pm 55^\circ$

Scanning accuracy: $\geq 4\text{mil}$

Depth of field: 50-300mm(EAN13,13mil)

Prompt method: Buzzer, LED, Vibration

Screen display: Battery level, time, barcode content, wireless connection, inventory quantity, total number of scans

Error rate: 1/5 million

Printing contrast: $\geq 20\%$

Field of view: Diagonal 46.4° , horizontal 37.8° , vertical 28.9°

Wireless Parameter

Wireless communication: 2.4G+Bluetooth

Transmission distance : 80 meters (Open Area)

Storage mode: Timely mode, inventory storage mode, (Storage capacity of 350000 characters)

Pairing mode: Receiver: one to one, many to one; Bluetooth mobile devices: one-to-one

Interface: USB-HID, USB-COM, RS232

Pairing method: Base button: One-click pairing;
Base pairing code: Scan to pair.

Environmental Parameter

Working temperature: $-10^\circ\text{C}\sim 60^\circ\text{C}$

Storage temperature: $-20^\circ\text{C}\sim 70^\circ\text{C}$

Humidity: 5% ~ 95% RH (No condensation)

Shock resistance: Passed 1.5meters drop test

Physical Parameter

Weight: 395.8g

Size: Scanner: 70.3mm \times 121.1mm \times 168.0mm Base: 211.0mm \times 82.3mm \times 63.7mm

Material quality: ABS+PC

Cable length: 1.8m

Electrical Parameter

Voltage: DC5V $\pm 5\%$

Current: 240mA

Battery: Removable battery / charging separately

Battery life: 50400 times

Battery capacity: 2900mAh

Charging time: 5h(Type-C)

Working hours: $\approx 14\text{h}$

Charging method: Magnetic charging base / TYPE-C direct charging

Charge: Charging status: Digital tube displays battery level / red indicator light remains on;
Fully charged: Digital tube displays full battery level / red indicator light turns off.

