



**Model : SH-4200**

## **2D Wireless Barcode Scanner**

SH-4200 using advanced imaging technology, with barcode scanning and digital image acquisition function is very strong, the extended depth of field and fast reading, and enhance the performance of low quality barcode reader. From the high-density one-dimensional bar code to the two-dimensional bar code on the mobile device screen, SH-4200 can easily read.

The latest bar code collection product design, increase the display in the mobile scanning, compact design in more detail, greatly improve the content of visual, barcode scanning judgment, state transfer, inventory performance, convenient carrying and moving performance.

### **Product features**

**Wireless distance:** The use of 433M remote wireless communication technology, the realization of 100 meters (open) range of dynamic mobile scanning.

**Lithium battery:** Use high density 1500mA lithium battery, full power support for nearly 12 thousand scans to ensure the longest working hours.

**Storage function:** Store nearly 5 million (20 characters / bar) bar code information.

**Charging method:** The use of the world's leading wireless inductive charging technology to enhance waterproof, dust-proof, anti-static, anti-corrosion.

**Unique decoding technology:** The use of international top-level decoding technology, a variety of one-dimensional, two-dimensional code decoding, full scan code.

**High performance scanning technology:** To support a variety of high-density, damaged, deformed bar code scanning, while supporting the computer, mobile phones, flat screen, such as two-dimensional code scanning.

**Display function:** scan bar code content display, transmission status, storage, inventory capacity, support Chinese display function.

## SH-4200 Technical parameters

### Physical parameter

Scanning type	image acquisition technology
Safety	performance in line with national standards for laser safety
Outline	size length * width * height 120mm*40mm*32mm
Packing	length * width * height 160mm*130mm*88mm
Shell material	PC+TPU
Product weight	140g
Packing weight	340g
LED	red, green, blue
Display	1.8 Inch color display

### performance parameter

Operating current	360mA
DC power supply	Class2; 5.2VDC@1A
Quiescent current	50mA
Battery Specification	3.7/1500mA
Charging time	5-6 hours
Operating power	2W; 420mA@5V- typical value
Standby power	0.45W, 90mA@5V- typ
Support bar code type	standard one- two-dimensional bar code (full code)
Radio frequency	433MHZ
Communication distance	50M (open) tape storage
Scan	12000 times
System interface	USB/ virtual serial port /RS232

### Environmental parameter

The operating temperature	-10 DEG C - 50
The storage temperature	-40 DEG C - 60
Operating humidity	5%-95% relative humidity, non condensed state
ESD	+ 15kVDC air discharge, + 8kVDC direct / indirect discharge
Drop test	100 /1M (solid wood floor)
Light intensity	0-100.000LUX
Kinematic tolerance	100 mm / sec 13milUPC
IP class	IP54 design standard
Integrated authentication	SCM, MA, SNAS, MAC, MRA
Dust proof	sealed to prevent air dust particles from entering

## Scanning performance

Barcode	scan depth density
4mil Code39	33-100mm
13mil UPC	32-255mm
20MIL Code39	35-355mm
6mil PDF417	30-150mm
10mil Data Matrix	30-200mm
15mil Data Matrix	21-300mm
20MIL QR	23-300mm

**This data may vary due to barcode quality and environmental factors.**

## ScanHome

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