

# Quick Use Guide

---

**HS3255**

**Wireless Handheld Barcode Scanner**

NANJING BILIN INTELLIGENT IDENTIFICATION TECHNOLOGY CO., LTD.

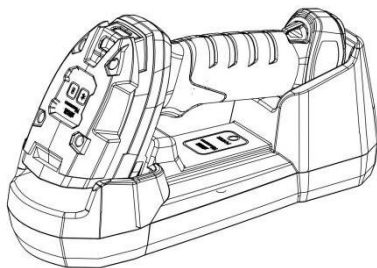
Ver: 20220719



## Packing List

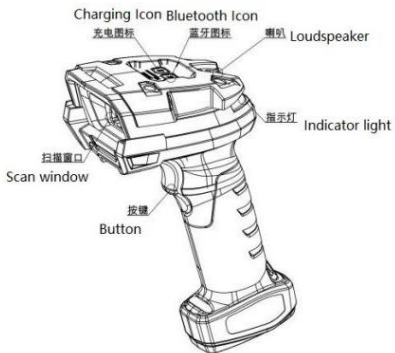
<b>Name</b>	<b>Unit</b>	<b>QTY</b>	<b>Remarks</b>
HS3255 Host	pc	1	
Communication Base	pc	1	Charging for HS3255 host; Communication with computer
Quick Use Guide	pc	1	Connection mode and setting code
Cable	pc	1	Serial communication cable or USB communication cable
5VDC Power Supply	pc	1	Only supplied with RS232 serial cable, not with USB cable

## Overall Look

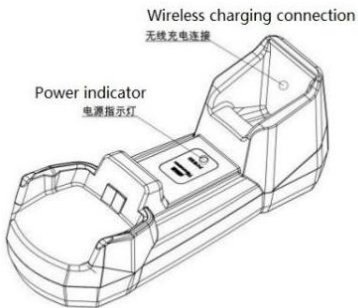


## Barcode Scanner Overview

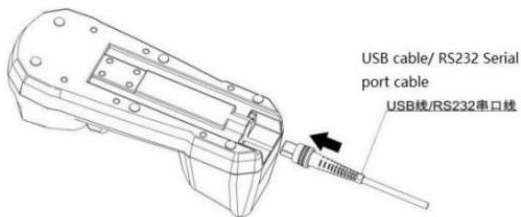
### Host



## Base



## Connection of Base

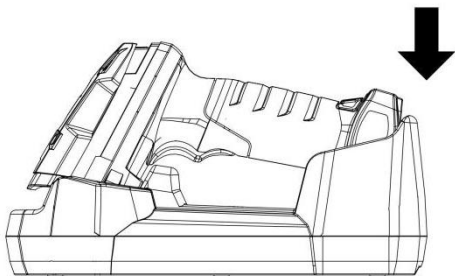


If it is RS232 cable, a 5VDC power supply needs to be connected with the cable.

## Startup / Pairing method with base

When the host is in standby mode, press the trigger button to start it.

Plug the host into the base for pairing connection and charging.



## Technical Specifications

	<b>Description</b>
Dimension	245.9mm x 99.5mm x 136.1mm
Weight	scanner 295g / base 410g
Voltage	5V±5% VDC
Starting Current	132mA
Standby Current	84mA
Working Current	316mA
IP Grade	IP67
Sensor Pixels	1024 (H) x 1280 (V)
Illuminant	red LED
Wireless Signal	2.4-2.5 GHz bandwidth range
Field Angle	44° (horizontal) , 34° (vertical)
Roll/ Pitch/ Yaw	360° 65° 65°
Print Contrast	20% - the minimum reflective difference
Interface Support	USB (Keyboard emulation) / RS232
LithiumCell Capacity	3.7V/2500mAh
Endurance	6.5h (decoding 12000 times in average, the interval is 2S)
Charging Period	6.5h
Communication Distance	100m (open space), support storage
Storage Capacity	100,000 pcs (13 bit / pc)

1D Code	Codabar, Code 11, Code 39, Code 93, Code 128/EAN128, EAN.UCC Composite, Interleaved 2 of 5, MSI Code, Planet, Plessey Code, Postnet, RSS, Standard 2 of 5, Telepen, UPC/EAN, etc.
2D Code	PDF417, QR code, Matrix 2 of 5, MicroPDF417, Australian Post, Canada Post, Japan Post, MaxiCode, Codablock, Aztec, Dutch Post, TLC 39, DataMatrix, etc.
Precision Support	≥3mil
Working Temperature	0°C~45°C
Storage Temperature	-10°C~50°C
Humidity	5% ~ 85% (relative humidity, non-condensing)
Drop Resistance	withstand a drop of 1.2 meters
Ambient Light Immunity	0-100,000 Lux
ESD Protection	indirect coupling surface ±8KV direct air discharge ±15KV
Code39 (5mil)	30mm-230mm
Code39 (13mil)	30mm-450mm
DM (15mil)	20mm-220mm
QR (20mil)	0mm-380mm
PDF417 (15mil)	0mm-220mm

Performance may be affected by barcode quality and environmental condition.



## Status Description

Description	LED indicator	Sound prompt	Shake prompt
<b>Scanner</b>			
Power on (the base is not powered on)	The Bluetooth icon lights up once with blue light	Beeps once	Shake once
Bluetooth connection in progress	Blue light of Bluetooth icon flashes	Beep twice (just finished configuration)	\
Bluetooth connected	Blue light of Bluetooth icon is on	One beep (the base is powered on for communication)	\
Bluetooth disconnected	blue light of Bluetooth icon goes out	Beep twice	\
Decoding successful	The green light flashes once (behind the upper cover)	Beep once	Shake once
Transmission failed	The blue light of the Bluetooth icon flashes three times and the green light flashes once (behind the upper cover)	Beep three times	Shake once
Charging	The red light of the power icon is on	\	\
Full of power	Red light goes out	\	\
<b>Base</b>			
Regular power on	Blue light is on		

## Function settings

### Set up process

**1**

Enter setup mode:

**2**

Scan function barcodes

**For example** Universal keyboard:**3**

Exit setup mode:



## 1. Restore factory settings

Restore default settings:



## 2. Communication mode

Enter normal mode:



During normal connection, press the scanner button and start reading the code, the data will be uploaded directly when decoding successfully.

Enter inventory mode:



When disconnecting from the device receiving data, the scanned barcode will be stored in the memory of the scanner, the data will be transferred in bulk when connected to the device normally next time.

Clear inventory data:



%%SpecCode18

Data upload:



%%SpecCode16

### 3. Volume Setting

Mute:



%%SpecCode94

Low volume:



%%SpecCode95

Medium volume:



%%SpecCode96

High volume:



%%SpecCode97

#### 4. Keyboard language setting

English:



%%SpecCode40

German:



%%SpecCode41

French:



%%SpecCode42

Spanish:



Italian:



Japanese:



## 5. Suffix setting

The method of adding suffix is to scan into the setup mode, scan the corresponding barcode, then scan to exit the setup mode.

To cancel the suffix, first scan to enter the setup mode, then scan the end without adding an end character, then scan to exit the setup mode.

Enter setup mode:



Add carriage return at the end:



Add newline at the end:



Add carriage return and newline at the end:



Add Tab at the end:



End without Terminator:



Exit setup mode:

