

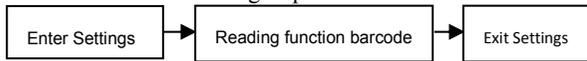
# BS-i203G BT / BS-i203G+BT



1. Open the package and check the appearance and accessories
2. Please press the button to turn the scanner on
3. Connecting and transmitting schemes

Attention please: The default connection mode of the scanner is 2.4G, which can be configured into Bluetooth mode as needed. After booting, it will try to connect according to the connection method before shut down. For example, before the scanner turns off, the scanner and the mobile phone Bluetooth pair successfully. After rebooting, the scanner will automatically connect to the mobile phone while the mobile phone has not ignored the scanner and its Bluetooth on.

Scanner function setting step:



## 3.1 Bluetooth mode

Turn on the Bluetooth of terminal devices and use the scanner scans “EnterSettings”-“BluetoothHID Mode”-“Searching”-“Exit Settings” in sequence. Find and choose the “Barcode Scanner HID” on the terminal device to connect. If successfully, the blue colored indicator will be on. (Note: For the meaning of indicator refer to part 8).



①Enter Settings



②Bluetooth HID Mode



③Searching



④Exit Settings

## 3.2 2.4G mode

After plugging Dongle into the computer and the computer identifying Dongle successfully, pls. scan “Enter Settings”-“2.4G Mode”-“Connect Dongle”-“Exit Settings” in sequence to pair. After connect successfully, the blue colored lights will be on. (Note: For the meaning of indicator refer to part 7).



①Enter settings



②2.4G Mode



③Connect Dongle



④Exit Settings

## 4. Active Factory Defaults

Scanning the “Active Factory Defaults” barcode below will return the scanner to its factory configuration. This barcode does not change the connection and transmission method.



Active Factory Defaults

## 5. Function configuration

### 5.1 Configure carriage return (CR), line feed (LF)

Scan “Enter Settings” to start functional setting. To scan one of the functional barcode below as you needed, then need to scan “Exit Settings” to complete the functional setting.



Enter settings



Add CR suffix



Add LF suffix



Add CR+LF suffix



Clear CR+LF suffix



Exit Settings

## 6. Power down method

When you do not use the scanner device, you can scan the following barcodes in sequence to shut down the scanning device directly.



①Enter Settings



②Power Down

## 7. Operating Modes

The barcode scanner has two operating modes: normal mode and inventory mode, through a different set code to operate the mode switch

Normal mode, the scanning data directly through the cable or wireless transmission to the computer, after the success of the scanning, it will issue a low frequency short tone. If the transmission fails, issue a 3-channel low-frequency tone to alert. In normal mode, if the transmission fails, the sweep of the bar code will be lost.



Normal Mode

If the barcode scanner works beyond 2.4G or Bluetooth transmission range, it is recommended to use storage mode. If the internal storage is full, the scanner will send three low frequency short tone alarm.



Inventory Mode

Scan the number of bar codes stored in the storage area by scanning the "Total number of Storage" barcode:



Total number of Storage

Upload the stored data by scanning the "Data Upload" barcode. After the data is uploaded, the barcode stored in the barcode scanner is not automatically deleted. The user uploads the storage data multiple times by scanning the "data upload".



Data upload

Note: When data upload, please try to ensure that the wireless signal connection is good, or in the connection of data line.



Clear data

By scanning the "clear data" bar code to clear the storage area of the bar code data, bar code will not be able to upload after the clear, please confirm whether the data has been uploaded

## 8. Meaning of indicator status & beeper tone

The blue colored light and the green colored light flash alternately: The scanner under Bluetooth searching.

The green colored light single flashes: The scanners try to pair with the Dongle through 2.4G mode.

The blue colored light always on: The scanner under connection. The light will turn off after disconnect.

The two green colored lights flash one after one: The scanner under connection. Decoding and transmitting are successful.

One green light colored flashes while the other one flashes two times: The scanner disconnected, the decoding is successful but transmitting fails.

Beep three times: The device receives message abnormally from Scanner.

Beep twice: Disconnected.

Beep once: Good connection. Scanner power on. Good transmission.

Beep always: Low battery Alert. Shut down and charge ASAP.

The red colored light always on: The scanner is charging, and light will off after charging completion.

## 9. Common Questions

### 9.1 What to do if can not connect to Bluetooth?

Make sure the phone is android 3.0 or above, go to 3.1 Bluetooth Mode setting and scan functional barcodes in sequence, open the mobile phone Bluetooth, search for a new device, and click "Barcode Scanner HID" to connect.

### 9.2 Why part of the barcodes can not scan?

Because some uncommon barcode types are turned off by default, you can scan functional barcode to open the dedicate barcode types. If you do not know the functional barcode, please contact your supplier.

### 9.3 Why barcodes can not be uploaded to a computer

## or phone?

S1 Make sure the scanner turns on and works normally.

S2 Determine whether the scanner and the terminal device are under good connection. The blue colored light on scanner is off pls. go to S3. It is on pls. go to S4.

S3 The scanner and the terminal device do not connect successfully, please go to 3.1 Bluetooth Mode setting or 3.2 2.4G Mode setting. Confirm good connection and then scan the barcode to transmit.

S4 Please check if there is other terminal device in the communication range. If the scanner connects to other terminal device, please disconnect and go to 3.1 or 3.2 to connect with this terminal device.

## 9.4 How to do if computer or mobile phone cannot find the Bluetooth scanner?

First pls. check if the Bluetooth of the terminal device works normally. If yes, pls. go to 3.1 Bluetooth Mode setting.

## 9.5 Bluetooth scanner has been connected with the phone or computer through Bluetooth before, how to pair with the phone or computer again?

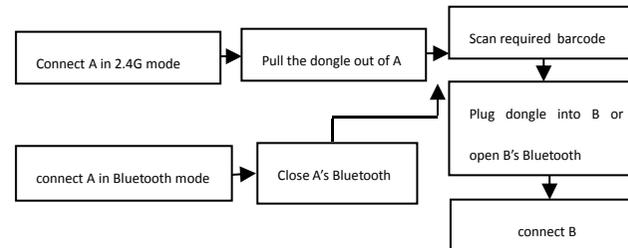
If the scanner does not connect with other devices after disconnecting with this terminal device, the scanner will connect with the terminal device automatically while both of them turn on. If the scanner has connected with other devices, or the automatic connection with this device fails, pls. delete the paired Bluetooth (“Barcode Scanner HID”) on the terminal device and go to 3.1 Bluetooth Mode setting.

## 9.6 The Bluetooth of the scanner connects with device-A first, then connects with device-B, and then disconnects with device-B, will it connect with

## device-A automatically?

It will not connect with device-A automatically. You need delete the paired Bluetooth (“Barcode Scanner HID”) on the A device and go to 3.1 Bluetooth Mode setting.

## 9.7 The scanner connects to the terminal device, how to connect with another terminal device?



## 9.8 Will it reconnects automatically after turning it off?

2.4G mode: When Dongle connects to the terminal device and the scanner has not established a new connection with other terminal devices, the scanner will connect automatically after re-power on.

Bluetooth mode: The terminal device establishes a connection through Bluetooth Mode before the scanner turns off. After shutting down, there is no deletion on the Bluetooth list of the terminal device, the scanner will connect automatically after re-power on.

If the connection is not successful, go to 3.1 or 3.2.

## 9.9 Why Red light does not shine when charging?

Please confirm the power supply device turns on, let the scanner power off and charge again.

## 10. Technical supporting

If this manual doesn't solve your problem, please contact your supplier.

## E Waste Management

## Instructions: Do's and Don't's



### Do's

Always drop your used electronic products & Accessories/Consumables /spares/ batteries and packaging materials after the end of their life at the nearest collection point.

Separate the packaging material according to responsible waste disposal options and sorting for recycling.

Keep the product in isolated area, after it becomes non-functional un-repairable so as to prevent its accidental breakage

### Don't's

The product is not meant for re-sale of any unauthorized agencies/scrap dealers

Never dump e-waste in garbage bins

Do not dispose off your product in at municipal waste bins

Do not throw used batteries into household waste.

### Waste Collection

TVS-E has put in place a pan India collection mechanism to assist its customers in depositing their e-waste as per the new E-waste (Management) Rules, 2016 effective from 1st October, 2016.

You can deposit the WEEE at the nearest Collection Point. Details of the location of Collection Points and Collection Centres information are also available on this website.

You can dispose of a used TVS-E product very easily and responsibly. Simply call at 1800425 4528 and drop it at your nearest Collection points . All these E-waste will be consolidated and forwarded to Tumkur Collection point for final disposal through Authorized E-waste Recycler

TVS-E assures all its customers that all its e-waste collected under these Rules will be recycled/ disposed of by an authorized e-waste Recycler as per the E-waste Management Rules, 2016.

### TVS-E Commitment:

TVS-E is committed to environmentally sound management of e-waste taking all steps required to ensure that e- waste are managed in a manner which shall protect health and environment against any adverse effects which may result from hazardous substance contained in such wastes.

TVS-E assures that the covered products do not contain lead, mercury, cadmium, hexavalent chromium, poly- brominated biphenyls or poly-brominated di-phenyl ethers above a specified threshold. The threshold for cadmium is 0.01% by weight in homoge- neous material, for all other substances, the threshold is 0.1% by weigh t in homogeneous material.