

2D Wireless Barcode Scanner

Quick Guidance



Reset to default



Various Version:

HD, HHD High density	Good at reading high density and small size bar code
DP DPM code version	Specially used to read Direct Product Mark (DPM) engraving codes
XER Ultra-long Range Version	The maximum scanning distance is more than ten meters

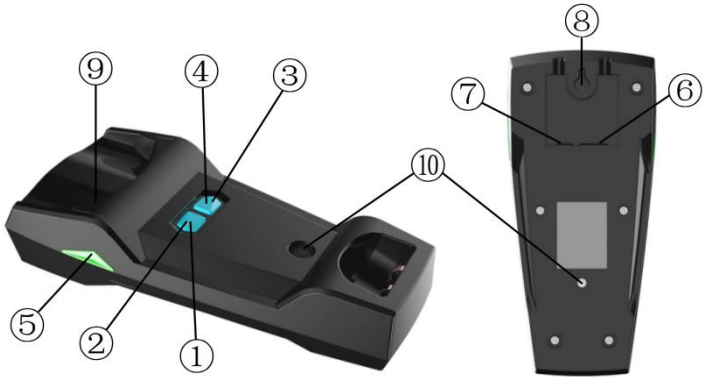
Remark: This pamphlet is for quick guidance only. Please refer to the Users' Manual for more detail instructions.

VER: TI68H_QG_EN_V1.0

Handset & Base (Receiver)



- | | |
|-------------------|---------------------|
| ① Main Indicator | ④ Trigger |
| ② Power Indicator | ⑤ Scanning window |
| ③ Data Indicator | ⑥ Rope hanging hole |



- | | |
|------------------------|-------------------------------|
| ① Pairing Button | ⑥ Cable Interface |
| ② Data Indicator | ⑦ Power Interface |
| ③ Channel Button | ⑧ Wall mounting hole |
| ④ Connection Indicator | ⑨ Hanging buckle (changeable) |
| ⑤ Side indicator | ⑩ Wall mounting screw hole |

Indicator & Button

Handset Indicator

Indicator		status	Meaning
Main Indicator		Green flashing	Self-test at startup
		Green steady	Started and standby
		Light off briefly	Scan successfully
		Red steady	Error
Power Indicator		Fast flashing	Low battery
		Slow flashing	Charging
		Green steady	Charging complete
Data Indicator		Light on steady	Data to be uploaded
		Flashing	Data memory is full
		Light off	All data uploaded

Base Indicator

Indicator	Status	Meaning
Connect Indicator	Flashing	Identifying interface
	Light on	Normal start
Data Indicator	Flashing	Receiving data
	Light off	Data to be uploaded
Side Indicator		reserved

Base Button

Button	Function
Pairing Button	Press the button and hold it for 4 seconds to pair the handset and base. The scanner will emit a long beep of "Dee..." when the pairing is successful.
Channel Button	It is used to set the communication channel. To set every scanner groups work on different channels could help to avoid interference and accelerate the data upload speed.

Installation

Connection and Pairing

Step 1. Connect the base to the computer (or POS machine, etc.).

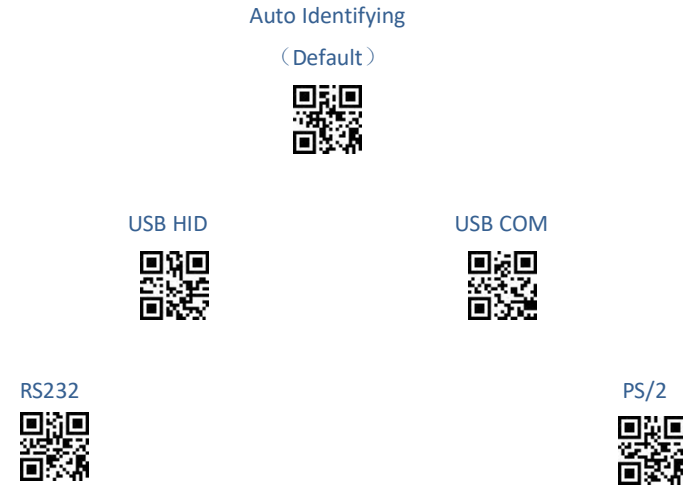
Please connect as follows according to the interface type you choose;

USB interface: Insert the cable crystal head (RJ45) into the ⑥Cable Interface, and the other end into the computer USB port.

P/S 2 interface: Insert the cable crystal head (RJ45) into the ⑥Cable Interface, and the two plugs at the other end are inserted into the computer keyboard port, and the other is connected to the Keyboard of the P/S 2 port.

RS232 Interface: Insert the cable crystal head (RJ45) into the ⑥Cable Interface, the other end is inserted into the RS232 interface of the computer. Plug in the power supply into the serial cable.

Normally, the base can automatically identify the type of interface (the ④ Connection Indicator on). In case the interface cannot be properly identified, the ④Connection Indicator will keep flashing, then manual setting is required.



Note: The interface type setting will only take effect when the scanner and base have been matched. See step 2 for matching method.

Step 2. Pair the handset and base

Pairing method: Place the scanner onto the base, and press the pair button and hold it for about 4 seconds. Release the button when a prompt tone "Dee-Dee-Doo" is out.

Tips: A base can support up to 100 scanners working in a group at the same time. The scanners must be paired with the base before scanning.

Usage of Scanner

Power On / Off

In power off state, press the trigger to start the scanner. It will perform a self-checking and the main indicator will be flashing. The ①Main Indicator would be green steady and a "Dee-Dee" beep sounds means the self-check completed and entering the Standby Mode. the scanner will be power off automatically If it not triggered for a while. The automatic shutdown time can be set (1~99 minutes).

Scanning

Under Standby Mode, press the trigger to scan the barcode. The red aiming line (could be a Line, a Cross or a Dot) must be aligned with the target barcode.

Tips: 1. If the scanning is successful, the main indicator will flash once and then off, with a "Dee" sound.
2. For barcodes that are difficult to read, you can try to adjust the distance and scanning angle to obtain the best scanning effect.

Recharging

Place the handset onto the base for recharging. The battery indicator flashes slowly when recharging starts, and it'll be steady on if recharging finished.

Tips: The handset will emit a "DeeDee" prompt tone at intervals to remind recharging when battery power is low. The battery indicator will also be flashing quickly at the same time.

Built-in Data Memory

If the handset is out of limit to wireless contact radius, or it works in the Manual Upload Mode, the captured code data will be stored in the

handset memory, the data indicator would be steady on at the time. After all the data is uploaded, the data indicator will be off.

Group Working of Multi-bases

In case two or more bases are working in the same room, please set them to different channels to ensure high uploading efficiency.

1. Press ③Channel Button to set the channel number (the channel number could be displayed on a Notepad by Windows OS during the operation, just like the barcode data).

2. Re-pair the handset to the base to activate the new channel.

Tip: In case two or more bases (groups) are working in the same signal channel, the uploading speed could be slow down. However, the data uploading won’t mixed up.

Work in High Humidity and Wet Environment

The handset can work in a high humidity environment and can also resist short-term shallow water immersion. But the base MUST NOT be soaked in water or work in a condensed water environment.

Note: After replacing the battery, please make sure the battery cover is properly installed, so as not to affect the waterproof performance.

Wall Mounting

This scanner can be wall mounted. To make wall mounting, remove the flat buckle on the base and replace it with the ⑨Wall Hanging Buckle. Please refer to the wall buckle accessories for more details.

Common Settings

Information Check

Firmware Version



Base Version



Handset Serial No.



Base Serial No.



Suffix Quick Setup

CR (Default))



LF



CR+LF



No Suffix



Common Symbol Setting

Support all



Only 1D



Only 2D



Setting the Torch

Torch on when scanning



Always On



Torch off



Auxiliary mode 1



Auxiliary mode2



Auxiliary mode2



Aiming Line Setting

Be on in Scanning



Always on



Off



Setting the Data Upload Mode

No Storing Mode: Every code data will be uploaded instantly to the base once well captured. In case of unsuccessful upload (the handset is out of connection or the base was not well connected to PC), the code data will be abandoned and alarm of “Dee-Dee-Dee” will come out.

Auto Storage Mode (Default): The data will be stored in the handset memory in case of failure of uploading to base. And the data will be uploaded to base once the contact connection come back normal. It’s the default working mode.

Manual Mode: The code data will firstly be stored in the built-in handset memory once well captured, it can store up to 55,000pcs codes. The data would be uploaded to base and then to the PC when “Upload Start” is scanned. If you don’t erase the storage, the data will always exist.

Auto Storing

(Default)



No Storing



Manual Mode



Upload Start



Erase Storage



Wireless Communication Power setting

High (14dBm)



Low (0dBm)



Tips: Please set the wireless communication power according to the relevant local regulations (you can consult the local authority of the radio management).

Prefix

Transmit Prefix



On

No Prefix (Default)



Start Setting Prefix



Suffix

Transmit Suffix On



No Suffix (Default)



Start Setting Suffix



The steps for setting the Prefix (Suffix) are as follows:

1. Scan "Start Setting xxx";
2. Scan the ASCII value of the hexadecimal parameter barcode of the string (2 digits per character); for example, the parameter of character “A” is "41", and the parameter of “B” is “42”.
3. Scan "Finish Setting".
4. Scan "Transmit Prefix" ("Transmit suffix ")

Parameter Bar code

0



1



2



3



4



5



6



7



8



9



A



B



C



D



E



F



Finish Setting



This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Warning: changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment