



Shanghai Senraise Intelligent Technology H10 Wireless Data Terminal User Guide

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Shanghai Senraise Intelligent Technology H10 Wireless Data Terminal



Product Information

The product is a handheld device with various features and functions. It includes a power button, volume button, printer, return key, home screen keys, menu key, Type-C interface, camera, flash lamp, and optional professional 2D scanner. It supports 1D and 2D barcode scanning software and has slots for nano SIM, micro PSAM, and micro SD cards.

Power button:

- Short press: Wake up the screen.
- Long press: Lock the screen. In power off mode, long press for 2-3 seconds to switch on the device. In normal operation mode, long press for 2-3 seconds to select power off or reboot. Long press for 12 seconds when the system is frozen for automatic reboot.

Volume button:

Adjusts the volume size. The volume + key can be set as a quick scan code key, but it requires application support.

Printer:

Used for printing documents in the boot state.

Return key:

Click to go back to the previous screen.

Home Screen Keys:

Click to quickly get back to the home screen.

Menu key:

Click to quickly view the program running in the background. Select the application and swipe to close it.

Type-C Interface:

Used for device recharging and developer debugging.

Camera:

Can be used for scanning 1D/2D codes and taking photos.

Flash lamp:

Lights up the surroundings when taking pictures.

Professional 2D scanner (optional):

Supports 1D and 2D barcode scanning software.

Nano SIM, Micro PSAM, and Micro SD:

Slots for respective cards.

Print Instructions:

1. If the print content is blank, check whether the direction of the paper roll is reversed.
2. Refer to the company certification manufacturers for the selection of thermal paper.
3. Ensure that the flap is not buckled to prevent issues with normal printing.

Charging and Battery Instructions:

Refer to the battery description and precautions provided in the user manual.

Minimalist Settings:

Responds to common problems and provides solutions.

Product Safety:

The product complies with safety standards and contains minimal toxic and harmful substances. Refer to the user manual for details.

Product Usage Instructions

To use the device, follow these instructions:

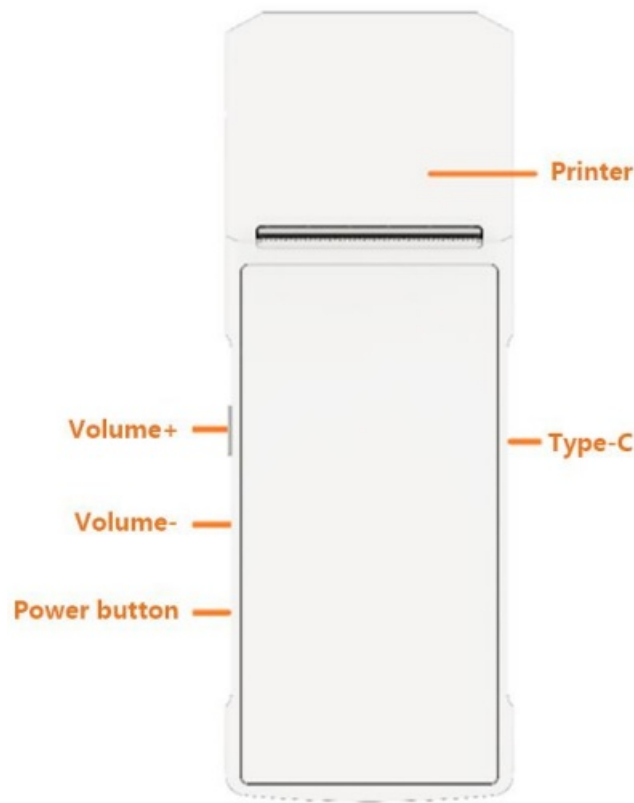
1. Press the power button to wake up the screen or lock the screen.

2. Long press the power button for 2-3 seconds in power off mode to switch on the device.
3. Long press the power button for 2-3 seconds in normal operation mode to select power off or reboot.
4. If the system freezes, long press the power button for 12 seconds for automatic reboot.
5. Adjust the volume using the volume button. The volume + key can be set as a quick scan code key if supported by the application.
6. Use the printer to print documents when the device is in the boot state.
7. Click the return key to go back to the previous screen.
8. Click on the home screen keys to quickly return to the home screen.
9. Click the menu key to view running programs in the background. Swipe to close applications.
10. Connect the device to a Type-C interface for recharging or developer debugging purposes.
11. Utilize the camera for scanning 1D/2D codes or taking photos.
12. Turn on the flash lamp to light up surroundings when taking pictures.
13. If available, utilize the optional professional 2D scanner for barcode scanning.
14. Insert nano SIM, micro PSAM, or micro SD cards in their respective slots.
15. Follow the provided instructions for proper printing:
 - Check the direction of the paper roll if the print content is blank.
 - Refer to the company certification manufacturers for thermal paper selection.
 - Ensure that the flap is not buckled to ensure normal printing.
16. Refer to the battery description and precautions for charging and battery usage.
17. Consult the user manual for minimalist settings and solutions to common problems.
18. Ensure safety precautions are followed while using the product.

Note: The user manual should be referred to for any updates or modifications to the product specifications. Safety warnings and disclaimers provided by the company should also be taken into account.

This equipment complies with FCC Rules and provides reasonable protection against harmful interference. Any changes or modifications not approved by the responsible party may void the user's authority to operate the equipment.

PRODUCT OVERVIEW



- **Power button**

Short press: wake up the screen lock the screen.

Long press: long press for 2-3 seconds in power off mode to switch on the device.

Long press for 2-3 seconds in normal operation mode to select power off or reboot.

Long press for 12 seconds when system is frozen for automatic reboot.

- **Volume button**

Adjust the volume size (the volume “+” key can be set to the quick scan code key, requiring application support).

- **Printer**

For printing documents in the boot state.

- **Return key**

Click back to the previous screen.

- **Home Screen Keys**

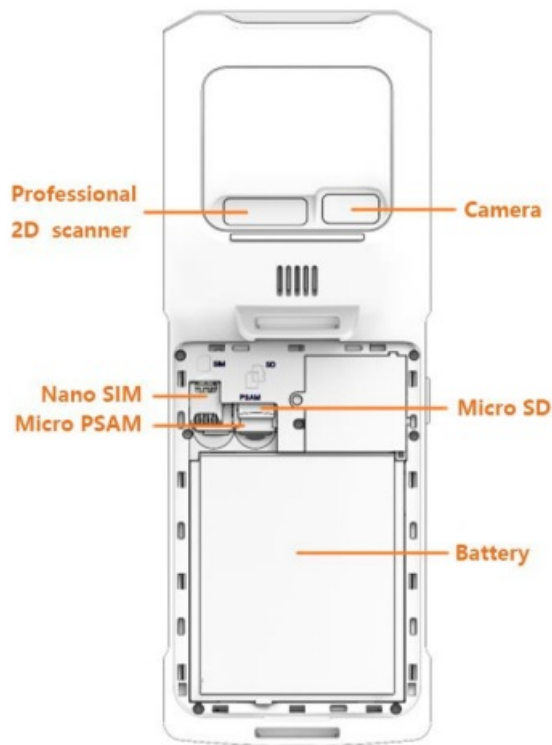
Click to quickly get back to the home screen.

- **Menu key**

Click to quickly view the program running in the background; select the application and swipe to close the application.

- **Type-C Interface**

For device recharging and developer debugging



- **Camera**

It can be used for one 1D/2D code scanning and taking photos.

- **Flash lamp**

Light your surroundings when taking pictures.

- **Professional 2D scanner (optional)**

Support 1D&2D barcode scanning software support.

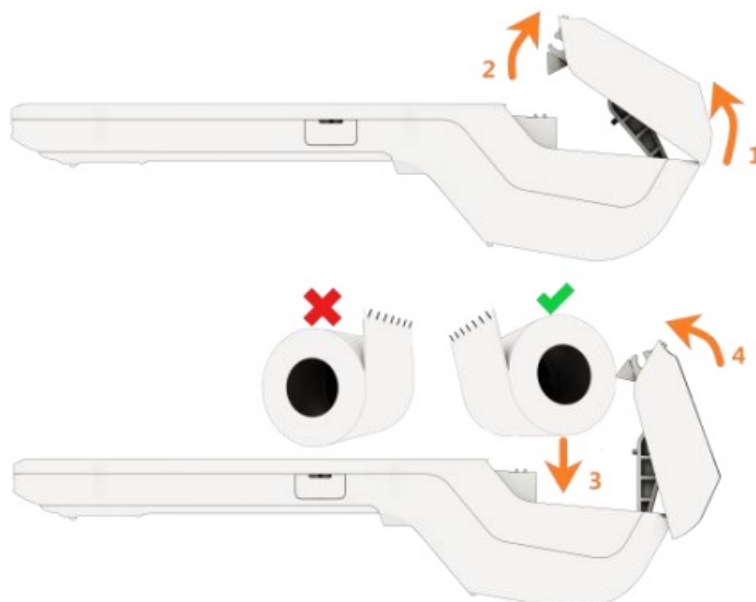
- **Nano SIM**

- **Micro PSAM**

- **Micro SD**

Note: To prevent system errors, please make sure the device is turned off when you insert or remove the SIM card. · Remove the battery cover and remove the battery;

- Insert / remove the SIM / PSAM / SD card in the direction shown in the drawing;
- Install batteries and close the battery cover;



Print instructions

This machine supports 58mm thermal printing paper with $57\pm 0.5\text{mm} \times \varnothing 40\text{mm}$

- Please open the printing paper bin (①② at the top of the machine, as shown in the drawing). Do not forcibly open the paper chamber to prevent the wear of the printing head gear;
- Put the printed paper into the paper bin correctly in the direction shown in the drawing, and pull out part of the paper to the paper knife (as shown in ③);
- Press the middle of the clamshell, cover the paper compartment, and install the printing paper (④).

pay attention to:

1. If the print content is blank, please check whether the direction of the paper roll is reversed;
2. For the selection of thermal paper, please refer to the company certification manufacturers;
3. The flap is not buckled, easy to lead to the normal printing;

Charging and battery instructions

This machine only supports USB, line charging

- Insert the 5V adapter into the city power socket;
- Plug in the Type-C USB cable to charge the machine;
- Charging in the boot state, and the battery icon at the top of the screen will become the charging icon;
- In the shutdown state, the charging mode will enter the charging mode, and the charging icon is displayed in the middle of the screen;
- If no charging icon appears, please check if the interface is inserted.

Battery Description / Precautions

- In order to protect the service life of the battery, it is recommended to charge at any time, do not wait until the battery is exhausted.
- If the battery is found to have a bulge / deformation / odor, please stop charging and contact the after-sales window

Minimalist settings

Turn on smart business devices in just a few steps

1. 3G / 4G setting, under the shutdown state, insert the corresponding 3G / 4G card, and then turn on. (Read technical sheet for card support)
2. Long press the power button for 2-3 seconds, the screen lights up, enter the first opening interface, press the guide prompt to operate.

This machine can choose 2 Internet access modes.

1. WIFI set up

- Click the [Settings] button, then open WLAN, enter the WALN search interface and wait for the search and list the available WLAN hotspots;
- Click the WLAN to connect. If you select an encrypted network, you need to enter the access password to connect.

2. Mobile data settings

Pull down the system drop-down menu, click the [Mobile Data] icon, enter the Mobile Data Settings page, and click the Open button. You can now connect to the Internet.

Respond to common problems

The printer does not work

- Confirm that the paper warehouse cover is closed correctly;
- Confirm the use of appropriate printing paper and install it correctly;
- When printing the blank content, please check if the paper roll is reversed.

Can not open the machine (such as: equipment power is too low)

- Make sure to press the power button correctly for 2-3 seconds;
- Correct insert the machine into USB and charge the cable for 30 minutes;
- Check whether the screen displays the charging status normally;
- Long press the power button for 10s to force the power-on.

Terminal crash


- Open the battery cover, remove the battery, reinstall the battery, install the battery cover, and press the power button for 2~3 seconds; or long press the power button for 10s.

Name and content of toxic and harmful substances contained in this product are shown in the following table

Name of parts	Toxic and harmful substances and elements					
	(Pb)	(Hg)	(Cd)	(Cr(VII))	(PBB)	(PBDE)
Circuit board	×	○	○	○	○	○
Shell	○	○	○	○	○	○



It indicates that the content of toxic and harmful substances in all homogeneous materials of this part is below the limit specified in SJ/T11363-2006.

: It indicates that the content of toxic and harmful substances is higher than the limit specified in SJ/T11363-2006 in at least one homogeneous material of this part; however, the reason why the toxic substance of that part exceeds the limit is that there is no applicable material to replace it currently.
For products that have reached or passed the service years for environmental protection, they should be recycled according to Measures for Control and Management of Electronic Information Products and should not be thrown away at will.

FCC ID:2A6IY-H10

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.

Attentions

Safety warning

- Please insert the power adapter into the AC socket corresponding to its identification;
- It is strictly prohibited in any potential explosive gas;
- Non-professional personnel should not turn on the power adapter at will to avoid danger;
- This is A Class A product. In a living environment, the product may cause radio interference. In this case, users may be required to take practical measures for interference;
- Do not dismantle, impact, squeeze or put into fire; do not continue to use if severe swelling, do not use it in high temperature environment; do not use the battery after immersion; wrong type battery may have explosion risk, so dispose of the used battery according to the instructions.

Actual application environment

- This product can be printed in the mall scene, receipt, scan payment
- This product can be used in indoor and outdoor scenarios through the GPRS network
- This product can be used in the indoor scene through the WIFI network

Important safety instructions

- The terminal is a handheld device. Users should use the body to block the personal password to prevent the password from being viewed by others;
- Avoid installation or use during lightning, otherwise there is a danger of being struck by lightning;
- When you find an abnormal smell, overheating or smoke situation, please immediately cut off the power supply;
- The paper tear position is sharp, do not touch!

propose

- Do not use it near water or wet environment, and avoid liquid falling into the terminal;
- Do not use it in extreme cold or hot environments, such as cigarettes near fire or lit cigarettes;

- Do not fall, throw, or bend;
- Try to use it in a clean and dust-free environment to avoid small items falling into the terminal;
- Do not use it near the medical equipment without permission.

statement

The Company is not responsible for:

- Damage resulting from use and maintenance not described in this guide;
- The Company will not be liable for any damage or problems caused by options or consumables (not the original product or approved product provided by the Company). No right to modify or change the products without the consent of the Company;
- The operating system of this product supports official system updates. If the user brushes the third-party ROM system or modifies the system files by cracking, it may lead to system instability, security risks and security threats.

Disclaimer

Due to the update of the product, some details of this document may not match the product, please take the physical object, the right to interpret this document belongs to the company. Reserves the right to modify this specification without prior notice.

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.

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

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.

RF Exposure Information:

FCC RF Exposure requirements: The highest SAR value reported under this standard during product certification for use next to the Body with the minimum separation distance of 10mm. This transmitter must not be collocated or operating in conjunction with any other antenna or transmitter.

This product is compliance to FCC RF Exposure requirements and refers to FCC website

<https://apps.fcc.gov/oetcf/eas/reports/GenericSearch.cfm> search for FCC ID: 2A6IY-H10.

The frequency stability of all transmission frequencies of U-NII-1, U-NII 2A and U-NII-3 meets the requirements of 47 CFR FCC Part15.407(g), and the manufacturer declares that their transmission is maintained at Band U-NII-1, U-NII 2A and U-NII-3.

Technical specifications

Wireless Data Terminal	
CPU	2.0GHz, 8 core
Operating system	Android 13
Internal storage	16GB+2GB , 32GB+3GB(optional)
Screen	5.5" HD + 1440×720 IPS
NFC	ISO/ICE 14443 Type A /B Standard card or Mifare card Tag 1-Topaz;Tag 2-Ultralight;Tag 3-Felica;Tag 4- DESfire
Printer	High-speed 58 thermal printer with print speeds over 75mm/s Paper roll specifications: 58mm / 40mm
Wireless data	GSM+WCDMA+TDD_LTE+FDD_LTE
Wi-Fi	2.4G/5G , support IEEE 802.11 a/b/g/n
Bluetooth	Support BT 2.1/4.2/5.1 BLE
Camera	Rear Camera: 5M,AF
Professional 2D scanner(optional)	Support 1D &2D barcode scanning.
Battery	7.7V, 3000mAh
Card slot	Nano SIM card +Micro PSAM card+Micro SD card
Interfaces	Type-C (Support OTG)
Adapter	AC , Input: 100-240V, Output: 5V,2A ,
Packing	Color box size 210mm*91mm*78mm 0.58kg Cartoon Box Size: 340mm*215mm*200mm 6.25kg

Packaging content

- Terminal *1
- charging adapter*1
- Type-C connecting line*1

Product warranty card

Product warranty card

Product name: _____

Product model number: _____

Product number: _____

Purchase date: _____

Warranty period: from the date of purchase, our company provides 12 months of warranty service.

No free warranty is provided for:

- Disassemble and repaired products without permission.
- Product bar code, fragile patch damage and warranty card altered, incomplete.
- Fault caused by not operating the equipment as required in the instructions.
- Man-made damage of failure, scratch or damage caused by water or drop.
- Fault or damage caused by force majeure.
- Outside of the warranty period.

contact way:

· Company address: _____

Documents / Resources



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2A6IY-H10, 2A6IYH10, H10, H10 Wireless Data Terminal, Wireless Data Terminal, Data Termin
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