

HW8W User Manual

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Brief introduction

This manual will guide you how to use the HW8W tablet to get you started.

1. Unpack checking

After unpacked, you will see the following standard items:

1) HW8W Rugged tablets



2) Power Adaptor



3) OTG Cable



4) Hand Straps

5) Screws(4 pieces)



Please check all items in detail.

If you find any shortage or damage, please notify the dealer or our after-sales team immediately.

2. Install the SIM Card

(note: the SIM card is to the right of the rubber plug)

Move the Sim card slot cover, insert SIM card as the printing indicated.

Note: insert the exposed copper pin of SIM card opposite to the copper strip on the SIM card slot, with the SIM card gap facing outwards.

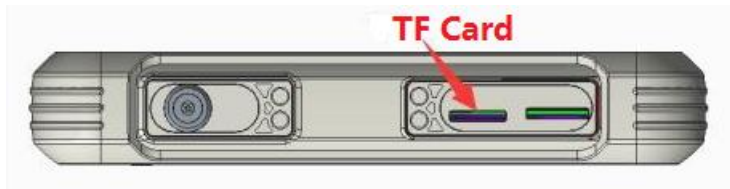




3. Install the TF Card

Move the TF card slot cover, insert TF card as the printing indicated.

Note: insert the exposed copper pin of TF card opposite to the copper strip on the TF card slot.





4. Install the Aviation Socket

(Notes: It's optional, need to open the waterproof rubber plug)



5. Connect Power

Please use the power adapter provided with this product only. Using other power adapters may damage your computer.

Notes:

1) The battery is shipped to you in a power saving mode, which protects the battery from charging or discharging. When you install the battery for the first time and connect your tablet to AC power, the battery will automatically exit this mode

and you will be ready to use.

2) Connecting the power adapter will start charging the battery.

3) AC power must be activated when power is turned off.

Plug the DC power cord of the power adapter into the power jack of the HW8W Tablet

6. HW8W On/Off Key



7. HW8W Tablet Appearance

Depending on the configuration you purchased, the appearance of the HW8W tablet may differ from the pictures shown in this manual.

Note: Open the protective cover to see the port or device. When not using the port or device, please fully cover the protective cover, so as to achieve the effect of waterproof and dustproof.

8. Front Components



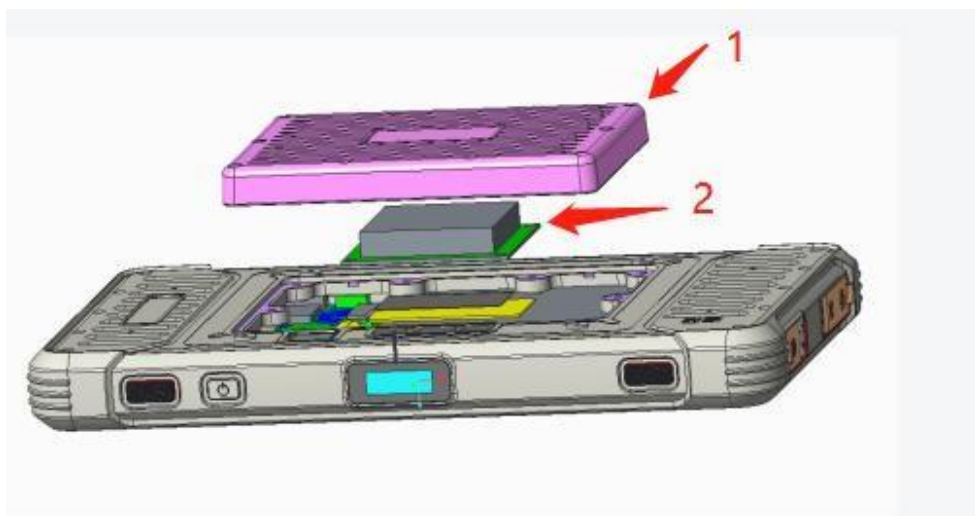
- 1) Touch screen: Display tablet information and receive touch.
- 2) Charging indicator
 - a. When HW8W tablet is charging, it shows red;
 - b. When HW8W tablet is in sleep mode, flashes green.
- 3) Light sensor: Screen off effect during induction call.
- 4) Front Camera
- 5) Microphone: receives sound for recording

9. Back Components



- 1) Flash: supplements light when taking pictures
- 2) Rear Camera: Let you use the built-in photography functions of the tablet.
- 3) Fingerprint sensor: Optional, used for fingerprint identification to prevent unauthorized use of your tablet.
- 4) NFC or RFID reader: Optional and alternative, can read data of NFC and RFID electronic tags.
- 5) Speaker: Outputs sound from the tablet.

10. Back UHF Component (optional)



- 1) UHF rear case
- 2) UHF module or ID module

11. Back with Screw Hole (arrow position)



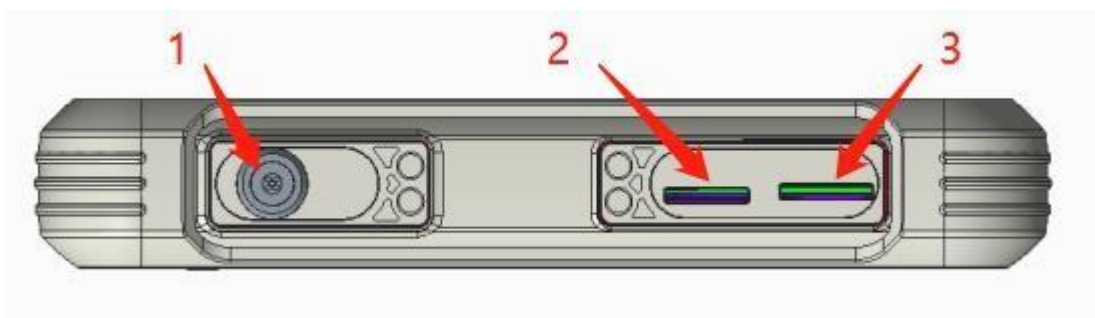
12. Top Buttons

(Notes: Please open the waterproof rubber plug first)

- 1) Power jack: Connects to AC power adapter
- 2) USB 2.0 port (in the cover) : Each of the two ports can connect USB devices, such as USB flash drives, keyboards, mice, etc.
- 3) USB 3.0 ports: USB devices can be connected to each of the two ports
- 4) HDMI port: Connects an HDMI monitor or TV.
- 5) Composite audio port : Connects to headphones or external speakers with amplifier.

13. Bottom Buttons



(Notes: The silk screen may be wrong as shown in the figure and please refer to the real object)



- 1) Aerial plug (if CAN module is required, there are receiving and transmitting output lines)
- 2) TF card holder
- 3) SIM card holder

14. Left Buttons



- 1) Adjust  the volume up key
- 2) Adjust  the volume down key
- 3) Pogo pin docking station socket: connect to docking station (optional)
- 4) Base fixing holes

15. Right Buttons



- 1) Custom Key(Self-defination key)
- 2) Power on&off key (POWER)
- 3) Scanning module (1D / 2D scanning head)
- 4) Code Scanning Shortcuts (Custom Keys)

16. Connect Audio Equipment



For better audio quality, you can connect an external audio device.

Your HW8W tablet is equipped with a composite audio port in the form of a 4-pole TRRS 3.5mm specification, and can be connected to a compatible headset.

Safety Warning:

To avoid possible hearing loss, please do not listen at high volume for long periods of time.

17. Connect the HDMI display

(Notes: Please open the waterproof rubber plug first)

If you want to use a larger screen for higher resolution, you can connect an external display to your HW8W tablet.

Your HW8W tablet has an HDMI port, and the HDMI (High-Definition Multimedia Interface) audio / video interface can transmit uncompressed digital data for true high-definition quality.



In the default state, the connected display will respond.

To switch the display output, please use the Windows system tool.

18. Using NFC / RFID Reader (optional)

If your purchased configuration has an NFC / RFID reader module, you can use it to read data from NFC (Near Field Communication) and RFID (Radio Frequency Identification) electronic tags.



Note: If you need further application or customization of this module, please consult our pre-sales support team.

NFC reader requires a specific application, please consult your system administrator for further information.

19. Barcode Scanner (optional)

If you need further application or customization of this module, please consult our pre-sales support team.

To Read barcode, Please follow:

- 1) Open the word processing software you want to use, and open a new or existing file. Place the screen cursor where you want to enter data.
- 2) Hold down the trigger key of the tablet, and align the green beam of the scanning lens with the barcode, so that the green beam is in the center of the barcode. Please adjust the distance between the lens and the barcode as appropriate; the distance should be closer for smaller barcode and the further away for larger barcode.



Note 1: If the barcode being scanned with light reflected (for example, the paper is a glossy film), you may need to tilt the bar code by + 5 ° to avoid reflection. When scanning is successful, the system will beep and the scanning beam will go out

When the scanning is successful, the system will beep and the scanning beam will be off. The decoded barcode data will be input into the system

20. Battery

When charging, the light is displayed in red.

When charging is complete, the light will show green.

The flashing green light indicates that the built-in high temperature protection mechanism of the battery is in operation.

When the battery capacity is less than 10%, the light flashes red (once every second).

When the high temperature protection function is abnormal, the light will flash red (half a second

Times). Please send the tablet for repair when found this.

When the charging function is abnormal, the light flashes brown. Please replace the battery with a new one.

21. Battery Guidelines

When using the battery, please try to fully charge the battery and recharge it once. This will prevent damage to the battery.

Batteries are consumables, the following actions will shorten their service life:

- Charge the battery frequently
- Use, charge or store batteries in high temperature environments

In order to avoid accelerating the aging of the battery and prolong its service life, the number of charging times should be minimized, and the internal temperature of the battery should not be constantly raised.

- Charge the battery in a temperature range of 10°C ~ 30°C (50°F ~ 86°F).
- Higher ambient temperatures will cause the battery temperature to rise.
- Avoid charging the battery in closed cars and in hot weather.
- It is recommended that you do not charge the battery multiple times in a day.
- It is recommended that you charge the battery when the HW8W is turned off.

When using battery power in an extremely low temperature environment, the operating time may be shortened and the displayed value of the power may be incorrect. This phenomenon results from the chemical characteristics of the battery. It is recommended that the proper battery operating temperature be maintained at -10 ° C ~ 50 ° C (14 ° F ~ 122 ° F).

Do not store the machine for more than six months without charging it.

22. Power Adaptor

The power adaptor is only for your HW8W tablet. If it is used for other purposes, it may damage the connected appliances or adaptors.

The power cord attached to the power adapter is in accordance with the specifications of the place of purchase.

To use this HW8WT tablet abroad, consult your dealer for a suitable power cord.

If you want to unplug the power adapter, you must first unplug the power plug on the wall, and then unplug the power connector on the tablet, otherwise the HW8W tablet and adapter will be damaged by external voltage shock.

When unplugging, do not pull the electric wire, you should pull it out by holding the plug with your hand.

Since your HW8W tablet operates with DC power, but the power socket usually provides AC power, the role of the power adapter is to convert the AC power from the power source to the DC power required by the tablet. When the power adapter is connected, the battery is also automatically charged.

The adapter operates in a voltage range of 100 to 240 V AC.

23. Battery Charging

The battery can be recharged between 0 ° C (32 ° F) and 45 ° C (122 ° F). When the battery temperature is outside this range, charging will not start. When the battery temperature meets the conditions, charging is performed automatically.

During the charging process, do not unplug the power adapter when it is not fully charged, otherwise the battery will be insufficiently charged.

- The high temperature protection mechanism of the battery will limit the maximum battery capacity to 80% of the total capacity at high temperatures. At high temperatures, 80% of the charge is equivalent to fully charging the battery.

- Even if the battery is fully charged (100%), the battery charge may decrease automatically due to self-discharge characteristics (0.21% per day). This occurs whether or not the battery is mounted on a tablet.

- Connect the power adapter and plug the power cord of the adapter into a power outlet to charge the battery. At this time, the battery indicator () on the HW8W tablet will light red, indicating that charging is in progress. It is recommended to charge the HW8W when the tablet is off. When the battery is fully charged, the indicator light turns green.

- A full charge takes about 5 hours when the tablet is turned off or about 6 hours when the tablet is turned on (may take longer at low temperatures).

Note: Do not unplug and connect the power adapter immediately after the battery is fully charged. The battery may be damaged as a result.