KTC® 设计稿、样稿确认

（相同样稿以最新承认日期为准）

物料编号: 皓丽55W12S-CG 65W12S-CG 75W12H-CG

物料描述: 86W12H-CG 98W12K-CG专用英文说明书

（亚洲 848方案）(142.5x206mm 36P)

设计申请人: _____ **设计人**: _____

承认人: _____ **承认日期**: _____

备注: 颜色：单黑双面印刷 封面封底的黑色不可以透到背面

材质：封面封底200G铜版纸 过哑膜 双面压纹

内页100G铜版纸

此页不印刷

Interactive Flat Panel User’s Manual

HIGH-DEFINITION MULTIMEDIA INTERFACE

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Device features

1.Equipped with Android 8.0 smart OS and a unique user interface.
2.3GB Internal Cache provides faster system operations.
3.Built-in high precision (±1mm) touch control, supports 20 touch points for smoother handwriting.
4.High performance writing software, with support for single or multi-point writing input, with added pencil writing effects, etc.
5.Anti-glare screen helps protect your eyesight; surface frame and finer tempered glass step (≤7mm).
6.Added a dual USB interface, compatible with both Android and Windows systems.
7.Dual network port, LAN-IN+LAN-OUT design enables device switching.
8.Built-in dual network card supports simultaneous connection to WIFI and use of WIFI hotspot; both WIFI and Bluetooth antenna use a forward concealed design.
9.Supports Bluetooth connection with phones, speakers, and other Bluetooth devices, enabling wireless data transfer.
10.Can connect to wireless printers to print documents.
11.Wireless screen casting allows simultaneous casting to multiple screens, mirror reverse control, remote snapshot, and wireless remote control.
12.A new welcome screen features added live apps, background music, and a message wall.
13.All-channel signal output function.

Security warning and precautions

Thank you for purchasing our high-performance, multi-functional LED backlit smart conferencing tablet. During the design process, we thought carefully about how to make sure that this product is safe, and put this product through rigorous tests before allowing it to leave the factory. However, improper installation or use of this product could lead to electrical shock or fire. To ensure the safe and long-term use of this product, and achieve optimal device performance, please carefully read and become familiar with this product's instructions and nameplate labels. Carefully follow the safety precautions provided below and retain these instructions for future reference.

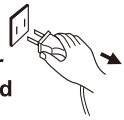
⚠ Warning	Could cause personal injury
⚠ Caution	May cause bodily harm or property damage
⊘	These labels indicate actions that should be avoided
●	These labels indicate actions that should be taken

Security warning and precautions

If the following circumstances occur

- **Power outages or voltage instability.**
- **The device is producing unusual sounds or smells.**
- **The AC cable is damaged.**
- **The Smart Conferencing Tablet has been damaged by falling, hitting, or collision.**
- **Any liquid or foreign objects have entered the device's housing.**

Immediately turn off the Smart Conferencing Tablet, unplug the power cable from the outlet, and immediately contact an authorized professional technician for repairs.



- If there is leakage of gas or flammable substances, do not plug in or unplug the Smart Conferencing Tablet or other electrical devices. You should immediately close the gas valve and open a window.

⚠ Warning

- Use AC 100-240V, 50/60Hz only.
- Cut off power supply before connecting/disconnecting any cable.
- To avoid the risk of fall, damage and fire, do not fix the product to any unstable position.
- Do not place the product in any environment:
  1. That is too damp, hot, cold or dusty or exposed to direct sunlight;
  2. Where inflammable or explosive substances are stored or used;
  3. Where there are combustible or corrosive gases;
  4. Like bathroom and kitchen.
- Do not connect too many power plugs to one power outlet; otherwise fire may be caused due to excessive power consumption.
- Do not block the ventilation holes as they are designed to prevent overheating and ensure good performance of the inside components.
- Do not use any damaged or inappropriate power outlet. Keep a good contact between the power plug and outlet.
- Protect the power plug and outlet against dust and metal objects.
- Do not damage the power cord:
  1. Do not remodel the power cord;
  2. Do not put heavy objects on the power cord;
  3. Keep the power cord away from heat sources;
  4. Do not pull the power cord when disconnecting it.
- Output current of HDMI port with MHL function: 500mA

Security warning and precautions

Warning

● To avoid the risk of electric shock and fire, keep the product away from naked flames (like burning candles).
● Do not put any container with water on the product, or the water drops or splashes could cause electric shock or fire.
● Make sure no sharp object, metal or liquid enters into the ventilation holes or comes into contact with signal connectors, otherwise, short circuit, product damage and electric shock may result.
● Output current of USB2.0 port: 500mA
● Output current of USB3.0 port: 1A
● Output power of OPS port: ≤130W
To avoid the risk of electric shock, do not touch the power plug with wet hands.
In case of rainstorm or lightning, disconnect the power plug and antenna plug immediately to avoid lightning stroke.
To avoid electric shock and fire, do not attempt to disassemble the product. All repairs should be referred to professional technicians.

Caution

● Keep the product away from moisture and water.
● Do not insert any objects into the product.
● Do not place any heavy objects on the product.
● Do not put the product at an unsteady or easy-to-tilt position.
● Do not put the product in an environment with direct sunlight or near electric radiators or other heat sources and strong light sources.
● Do not put the product near equipment with strong radiation.
● Do not allow children to climb onto the product.
● To avoid the risk of swallow, keep small accessories beyond the reach of children.
cleaning may damage the product appearance, erase the printed signs on the product, or damage the internal components (if the cleaning fluid or water flows into the product) and cause display failure.
● If the product keeps displaying one image or there is any still text or icon in a moving image during a long time, a “ghost image” will be left on the screen long after the product is turned off. Such fault is not covered by the warranty.
● Cut off power supply to the product by disconnecting the power plug.
● If the leakage splashes onto your skin when the LCD screen is broken, immediately rinse the skin with clean water for 15 minutes and seek medical advice.

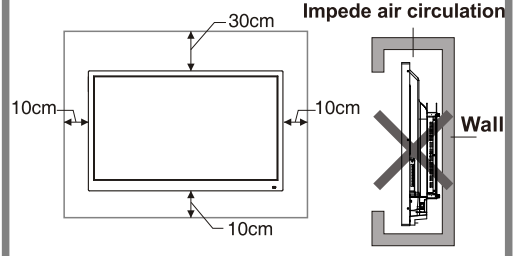
Security warning and precautions

Caution

● Turn off the product and disconnect the power plug if the product is to be left unused for a long period of time.
● Disconnect all cables before adjusting the position or angle of the product. To avoid the risk of fall, move the product slowly.
● Do not use hard objects to rub or strike the LCD screen, or twist or press it forcibly.
● Do not use the product immediately after moving it from a low-temperature place to a higher-temperature place as condensate may occur and causes malfunction.
● Disconnect the power plug before cleaning the product; clean it with a soft cloth, and never use any industrial chemical. Prevent any foreign object from falling into the product. Improper

● Hold the four corners and bottom side rather than exert pressure on the front panel when moving the product with hands.
● Use the product in a healthy way: use it under an appropriate light condition; insufficient light or long continuous use may impair your vision.
● The power plug or appliance coupler acting as the make and break device should be easy to operate.
● Completely insert the power plug into the power socket as a loose connection may cause sparks or even fire.
The technical specifications provided in this manual and on the outer package are subject to change without further notice. If there is any difference between this manual and any actual operation, the latter shall prevail.professional technicians.

Mounted on the wall



Ventilation

● Keep clearances around the product according to the minimum dimensions shown in the picture.
● Never cover the ventilation holes or insert any object into the housing.
● Do not place the product in a confined space such as bookcase or imbedded closet unless appropriate ventilation conditions are provided. There should be adequate clearances around the product to ensure good ventilation.

Installation and Connection

Accessory List

Accessory List			
Item	Qty.	Item	Qty.
Pen	2	Certificate of quality / Warranty card	1
Remote control	1	HDMI cable	1
Expansion screw	8	Touch cable	1
User Manual	1	Power cord	1
USB extension cable	1	USB disk	1

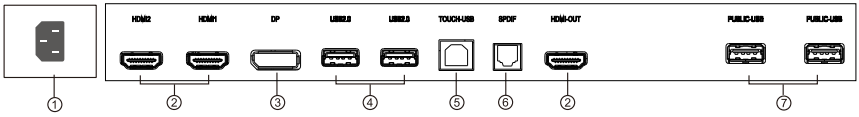
Please note:
If you have any questions about how to operate, adjust, or connect this touch device, please contact the dealer; if the device is not working properly, immediately unplug the power cable and consult a dealer. This is a “Class A” product and may produce radio interference during regular use. Under these circumstances, the user may need to take practical measures.

Installation Tips

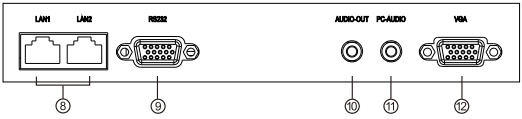
- The Smart Conferencing Tablet should be installed within easy reach of and AC power outlet.
- To ensure safety, we recommend that you use an approved Smart Conferencing Tablet wall mount or base.
- To avoid injury, place this device on a level surface or attach it securely to a wall.
- When installing the device on a wall, ask for help from a professional technician. Improper installation may cause the Smart Conferencing Device to be unstable.
- DO NOT install the Smart Conferencing Tablet in a place that may be disturbed by mechanical vibrations.
- DO NOT install the Smart Conferencing Tablet in a location that is directly facing an air conditioner, or condensation may occur, causing the device to malfunction.
- DO NOT install the Smart Conferencing Tablet in a place where strong magnetic fields are present, or this could interfere with or damage the device.

Installation and Connection

Ports



Bottom ports

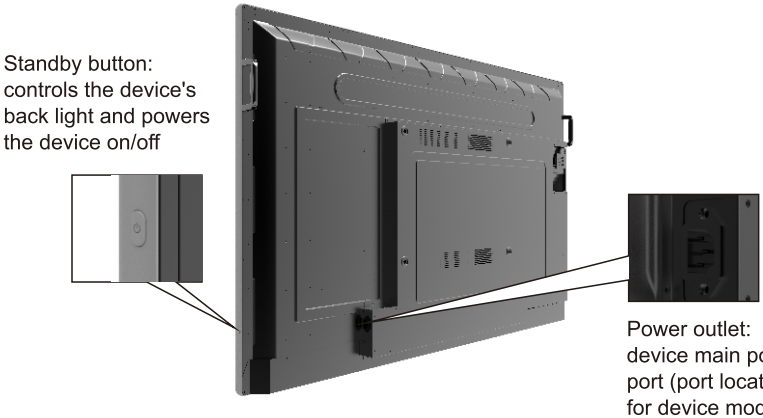


Side ports

1. Power supply input port; 2. HDMI port; 3. DP port; 4. USB input port; 5.TOUCH-USB port; 6.SPDIF port; 7. PUBLIC-USB port; 8. LAN port; 9. RS232 port; 10. AUDIO-OUT port; 11. PC-AUDIO port; 12. VGA port.

CAUTION: Disconnect the power plug before installing or removing the product!

Tablet Control Buttons



Standby button: controls the device's back light and powers the device on/off

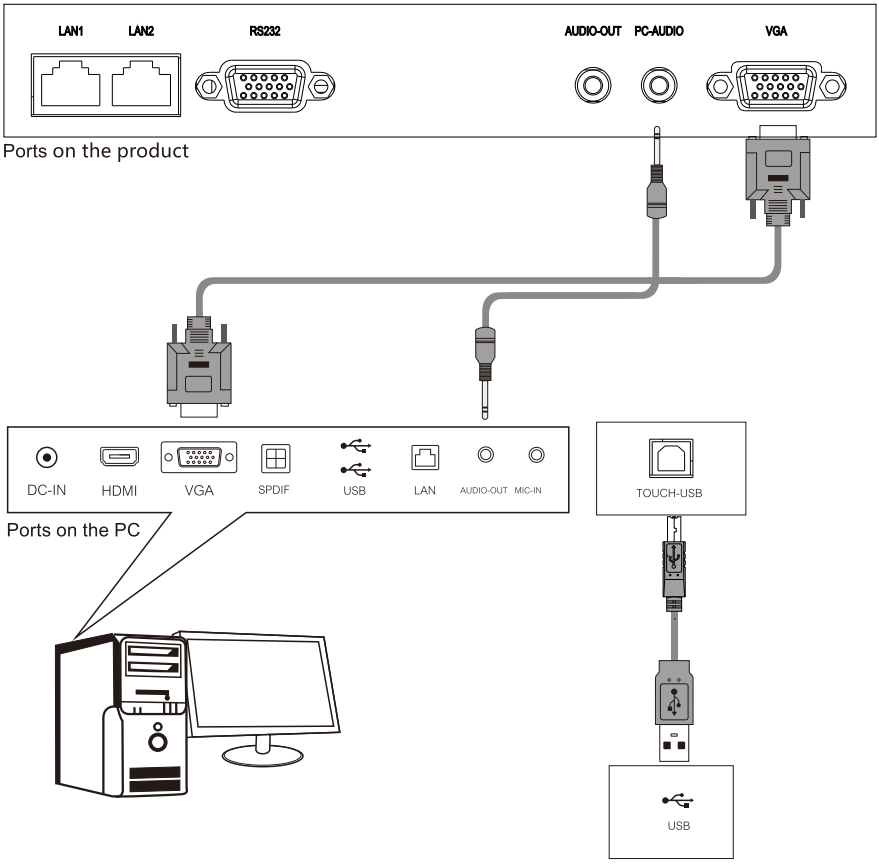
Power outlet: device main power supply port (port location may vary for device models with different dimensions.)

Installation and Connection

Connection Diagram

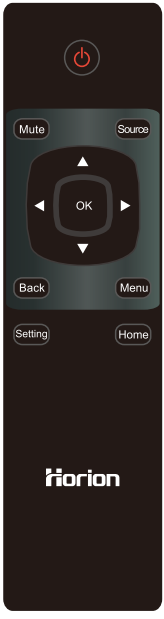
PC and Tablet Connection Diagram. (Note: Unplug the device's power cable before installing or removing this device!)

● Connection diagram



Note: The PC connection diagram included in this manual is for reference only. The actual product may vary.

Remote Control



Functions

Battery Installation

Remove the rear cover of the remote control (apply force at the notch of the rear cover to separate the rear cover from the body); follow the polarity marks “+” and “-” in the battery compartment to install two AAA batteries (7#, 1.5V); then close the rear cover.

Keys

Remark: The actual appearance of the remote control may deviate from this picture; in case of any difference, the former shall prevail.

Key	Function
⏻ (STANDBY)	Switch between power-on and standby states
Mute	Enable/disable sound
Source	Show the source menu
◀/▶/▲/▼	Select or adjust menu options
OK	Confirm the operation
Back	Return to the previous interface
Meun	Show the main setting menu
Setting	Show the setting menu bar
Home	Display the Android home page

Functions

- Aim the remote control at the remote receiver when using the remote control. Any object placed between the remote control and the remote receiver may disturb the operation.
- Protect the remote control from vibration. Do not expose the remote control to direct sunlight as heat may deform it.
- When the remote receiver is subject to direct sunlight or strong light, the remote control may malfunction. In such case, please change the angle of lighting or the product, or operate the remote control close to the remote receiver.
- Replace the batteries in case of low battery as it will reduce the range of the remote control. If the remote control is to be left unused for a long period of time or the batteries are depleted, please remove the batteries as battery leakage may damage the remote control.
- Do not use batteries of different types or mix a new battery with a used one. Always replace batteries in pair.
- Do not throw batteries into a fire or recharge or disassemble batteries. Do not recharge, short-circuit, disassemble/assemble, heat or burn any used batteries. Please dispose of waste batteries according to applicable environmental regulations. Do not expose batteries to any hot environment, like direct sunlight, over the fire,

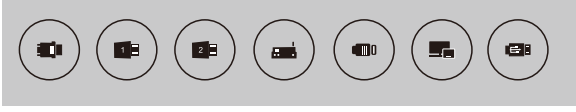
Basic Operating Instructions

Power On / Standby

Plug the power cable into the power outlet and connect the power source. The indicator light on the Smart Conferencing Tablet's remote control box will turn red. Press the “ ⏻ ” button on the side of the remote control or the main unit to turn on the Smart Conferencing Tablet. The indicator light on the device's remote control signal receptor will turn green. When the device is turned on, press the “ ⏻ ” button to turn off the Smart Conferencing Tablet's back light. Press the “ ⏻ ” button again or tap the screen to wake up the device. Press and hold the “ ⏻ ” button for three seconds and the prompt "Power Off?" will appear. Press OK to power off.

Selecting a Signal Source

After turning the device on, press the remote control's "Signal Source" button. A "Input Signal" menu will appear on the screen. When this happens, press the "" key or tap on your preferred signal source to select a signal source. Press the "OK" button on the remote control and the device will switch to the signal source that you have selected.



Smart Conferencing Tablet Menu Description

The menu operating instructions described in this chapter apply to the tablet's Smart Electronic Whiteboard mode. Menu operations in other modes are basically identical with the menu operations in Smart Electronic Whiteboard mode.

(Signal Source)	For specific operations, see "Selecting a Signal Source"	
	Back	
	Home Screen	
(Toolbar)		Volume Adjustment
		Screenshot
		System settings
		Whiteboard Annotation Software
		Recent Tasks Column
		Screen Brightness
		Lock Screen
		Voting Machine

Basic Operating Instructions

Press the "Menu" button the remote control and the Main Menu will appear on the screen:

1. Press the "◄/►" buttons on the remote to select and adjust the image/sound/channel/ settings or other menu categories.
2. Press the "▲/▼" buttons on the remote to select the item to adjust within a menu category.
3. Press the "**OK**" button on the remote to select and begin adjusting a menu item.
4. Press "◄/►" on the remote control to change the analog value or setting.
5. When the screen displays the main menu, press the "MENU" key to exit the main menu.
6. Menu items that appear grey cannot be selected and adjusted in the current mode.

Icons on the Main Interface

Functions on the Android main interface
Whiteboard: Launch the high-performance whiteboard writing software pre-installed on the product;
Office: Launch the preinstalled licensed WPS Office;
Source: Switch the signal source;
More: Local settings, apps;

Sidebar Functions

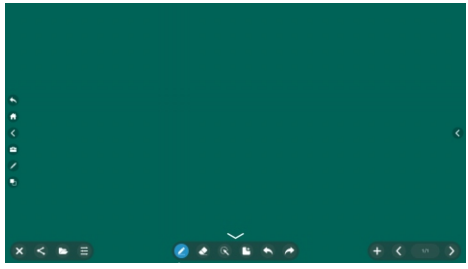
: Back button returns to the previous operation;;
: Home Screen returns to the home screen;;
: Hide Sidebar conceals the sidebar;
: Common Quick Setting buttons;
: Annotate button, handwrite annotations on a screen;;
: Recent Tasks column displays the most recently visited screens;

The sidebar can be shown or hidden on the left or right

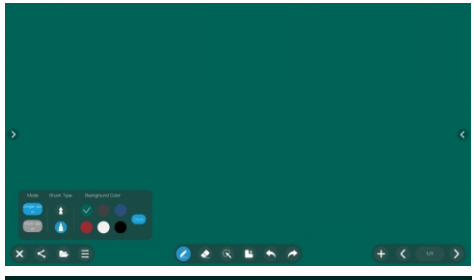
Quick setup button;
Open the voting machine or grader and scan a code to vote or give a score for something;
Quick Screenshot;
Enable or disable the screen lock;
Volume adjustment;
Back light adjustment;

Basic Operating Instructions

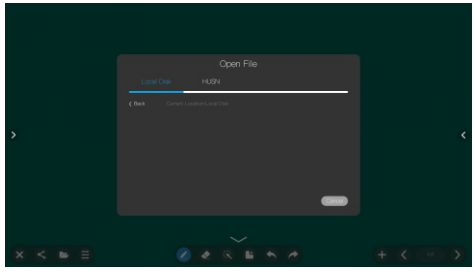
Whiteboard Functions



- Back: Exit the whiteboard handwriting and maintain the whiteboard handwriting import;
- Home Screen: Exit the whiteboard handwriting and maintain the whiteboard handwriting import;
- Exit: Turn off whiteboard writing;
- Setup: Change whiteboard handwriting method, or brush type, and the background color or customized background theme;
- Save: Save the contents on the whiteboard to a USB flash drive, send it to a mailbox or save to your phone by scanning the QR code (when network is connected);
- Tap on the handwriting brush to select brush thickness (1-4) or choose from 6 different brush colors
- Eraser: erase individual parts or slide to clear the screen;
- Select: draw an enclosed shape around the area you would like to move, copy, or delete;
- Undo: undo the previous operation;
- Redo: redo the previous operation;
- Add Page: add a note page; a maximum of 99 pages can be added;
- Turn the Page: the left and right page turn buttons allow users to quickly change between screen handwriting content, to locate or modify content;
- Page Number: browse all added pages;
- Setup function details are shown in the figure on the right:
  In handwriting mode, users can choose between single or multi-point handwriting; users can select whether the brush type is tipped; the whiteboard comes with 6 background colors, or users can choose a custom background.

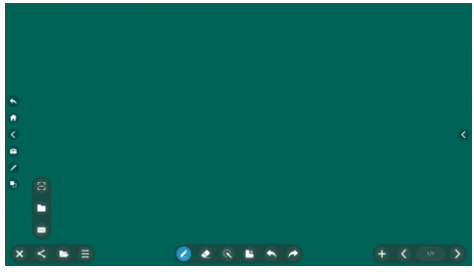


- More Backgrounds/Insert Image (see figure on the right)Place the desired image into the corresponding sdcard directory, then return to the whiteboard screen and select More Backgrounds/Insert Image;

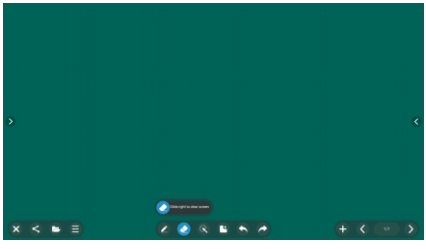


Basic Operating Instructions

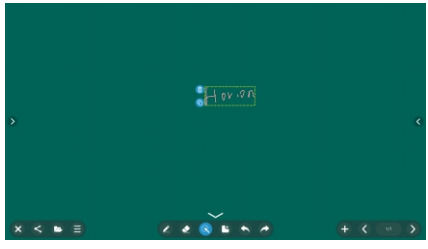
Save function details are shown in the figure on the right:
After tapping the Save icon
1.Tap Scan QR Code, and the whiteboard will generate and display a QR code; scan this code with your preferred browser, QQ, or WeChat to view the handwritten content;
2.Tap the Folder icon to save the handwritten content to a hard disk;
3.Tap the Email icon to log in to an email account and send the handwritten content as an email to a designated email address.



Eraser: erase individual parts or slide to clear the screen; gesture erasing



Select: draw a line around the place you would like to move or shrink, then move or shrink the content. You can also delete or copy the content.

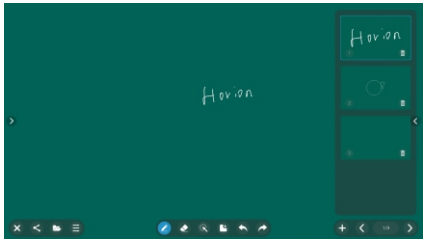


Undo: undo the previous operation;

Redo: redo the previous operation;

Add page: add a note page;

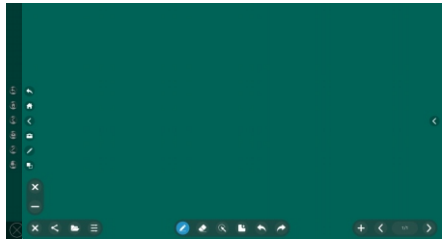
Click on the page number, then slide to select the page you would like to return to and write on.



: click on the left or right sidebar to return or the Home Screen button to return to the Android interface without closing the notepad; a “ ”icon will appear in the lower bar.

Basic Operating Instructions

Exit: tap on the Exit button in the bottom left corner to exit or minimize the window. A prompt reading "Would you like to save the current whiteboard status?" will appear on the screen. You can choose to cancel and not exit, or to exit with or without saving the whiteboard contents.



Tap on the folder icon to open a handwriting file and view its contents.

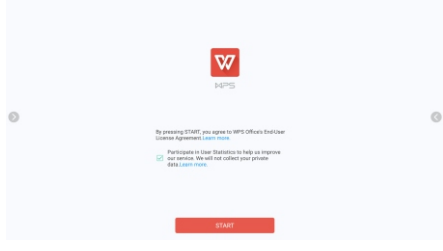
Annotation: on any screen, tap on the annotation icon located on the sidebar to open annotation;

Save: embed the annotation into the whiteboard;

Saves the annotation into the whiteboard. After returning to the whiteboard, users can hand-write content on the annotation;

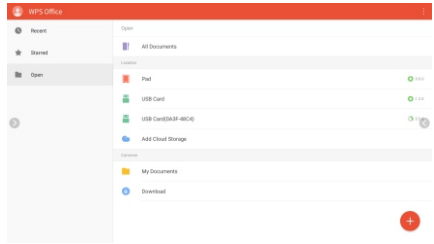
Office

Tap on the "Office" icon on the Android screen to enter the Office screen, as shown in the figure on the right.



Basic Operating Instructions

Confirm using WPS Office to enter a screen like the one shown in the figure on the right: USB card (sad1) sdal: external USB drive equipment name, (the user's own USB device)

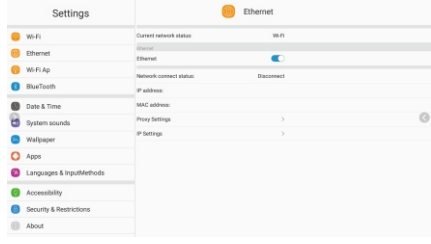


Signal Source

- VGA: tap on the VGA signal source icon to enter the VGA signal source interface;
- DP: tap on the DP signal source icon to enter the DP signal source interface;
- OPS: tap on the OPS signal source icon to enter the OPS signal source interface;
- Screen Cast: tap on the screen cast icon to enter the screen cast function interface;
- USB: tap on the USB signal source icon to enter the file manager interface;
- HDMI1: tap on the HDMI1 signal source icon to enter the HDMI1 signal source interface;
- HDMI2: tap on the HDMI2 signal source icon to enter the HDMI2 signal source interface;

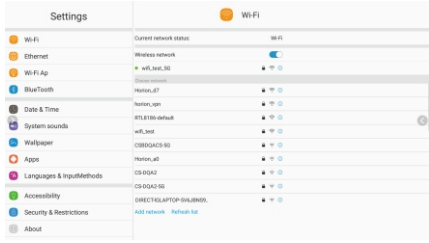
Settings

- Ethernet: tap on the wired network icon to enter the wired network settings interface;



Basic Operating Instructions

Wi-Fi: tap on the settings icon to enter the wireless network settings interface and setup a wireless network ; WiFi and hotspots can be enabled simultaneously

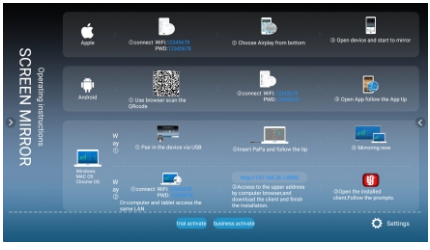


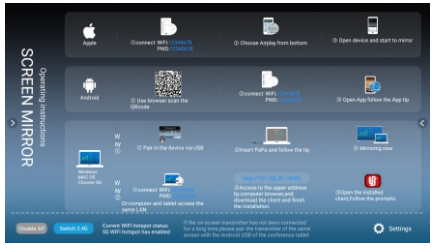
Screen Mirror

Screen Mirror: tap on the - More - Screen Casting icon on the Android interface to enter the screen casting interface. Here, you can view the name and password for the Conferencing Tablet's hotspot network; screen casting must be activated after a software upgrade or restoring factory settings;

business activate

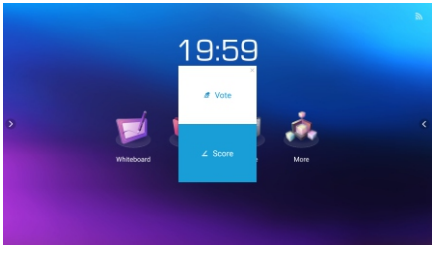
Commercial Activation: after connecting the tablet to the internet, open the screen casting page to automatically activate the screen casting software;

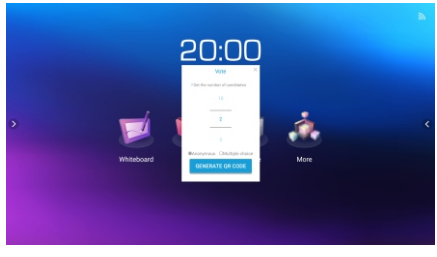




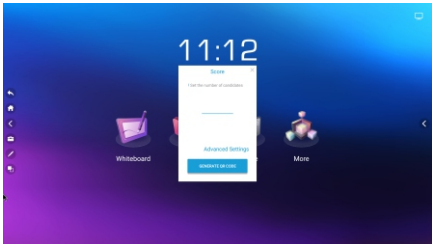
Vote Kit

Vote Kit: after connecting to the internet tap on the voting machine icon to select the voting or scoring function. The voting interface supports multiple selection fields, and can be set to multiple choice or single choice. Users can cast their votes by scanning a QR code. The scoring interface allows users to add detailed scoring of multiple items. Scores can be submitted by scanning a QR code;



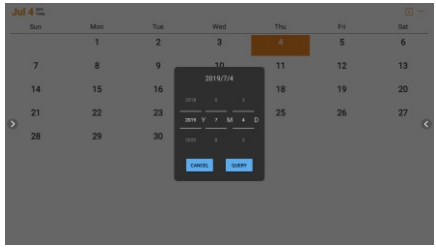


Basic Operating Instructions



Calendar

Calendar: tap on the calendar icon to add items to the schedule;



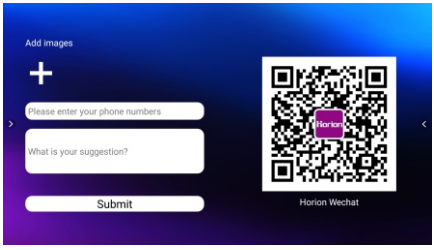
Welcome Page

Welcome Page: tap on the welcome screen icon. There are 20 different default welcome background images, or users can also set a customized background image, or delete images;

Basic Operating Instructions

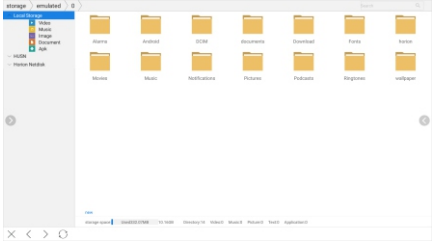
Feedback

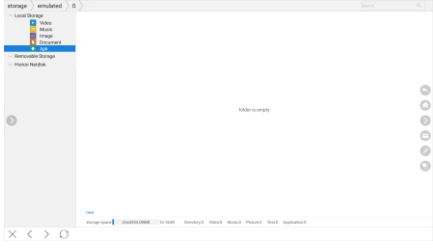
Feedback: tap on the feedback icon to send feedback directly to Shenzhen Horion Intelligent Technology Co.,ltd;

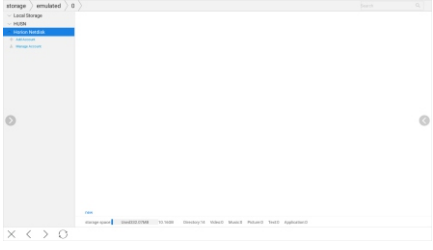


File Manager

File Manager: tap on the file manager icon to discover local and external hard disks. Files can be sorted automatically, and users can search for files directly. By tapping on an external hard drive, users can search for applications to install and tap on them to begin installation;
Add a Horion cloud drive module: to bind your phone number and login, tap on Add Account and scan the QR code with the QR code scanner from WeChat or a web browser. Now, you can upload files to the cloud drive and manage files; tap on Manage Account to log off of the corresponding cloud drive;





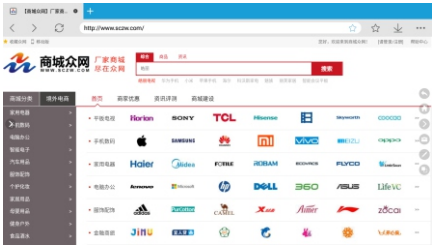


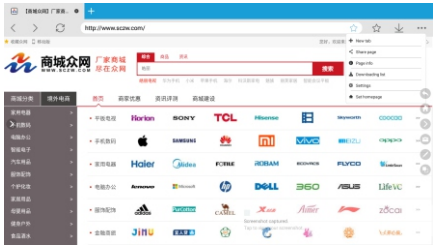
Basic Operating Instructions

Browser

Browser: on the Android screen, tap on More, then tap on the browser icon to enter the browser's homepage;

More Settings: tap on the More Settings icon to open the web page settings screen;

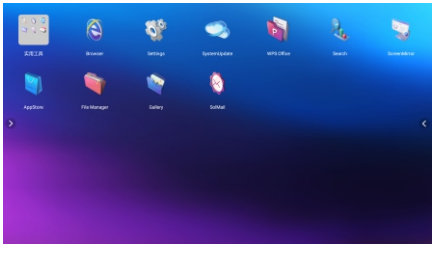


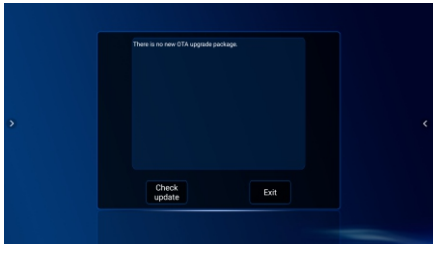


System Update

System Update: on the Android screen, tap on More, then tap on the System Update icon to retrieve update files (when connected to the internet)

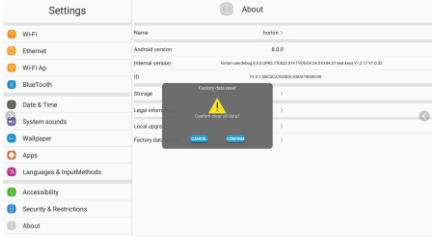
Search for Updates: while connected to the internet, check if there is information about newer versions;





Restore factory settings

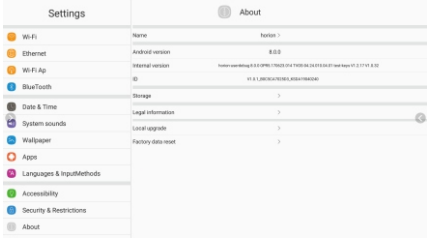
Restore factory settings: tap this button the restore the default factory settings. The device will delete all Android data;



Basic Operating Instructions

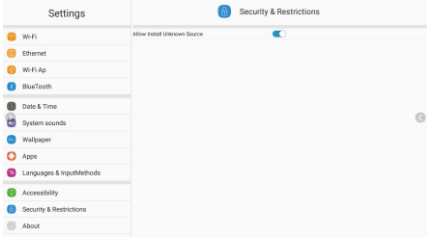
About

About: tap on the About icon to view information about system updates, the internal version number, ID, etc.



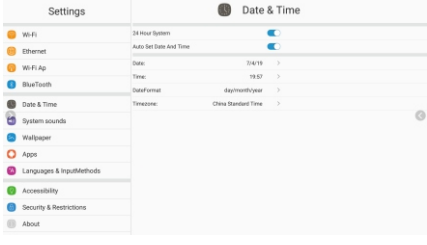
Security and Restrictions

Security and Restrictions: tap on the Security and Restrictions Icon to enter the Security and settings page. On this page, you can enable Unknown Source Installation to install applications from external sources;



Date and Time

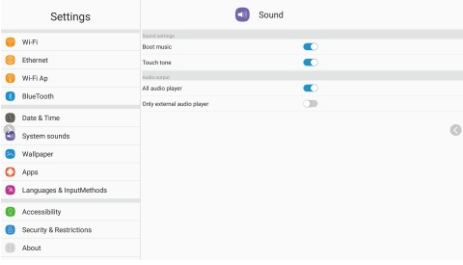
Tap on Date and Time to enter the Date and Time settings page. Turn off automatic setting of time and date will allow you to manually set the time and date



Basic Operating Instructions

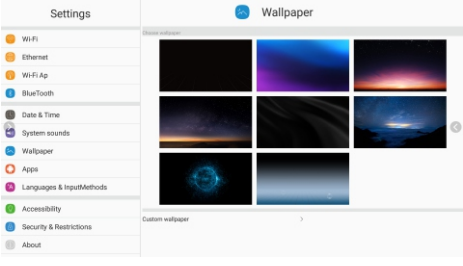
Sound

Tap on sound to enable or disable device music and button sound effects;



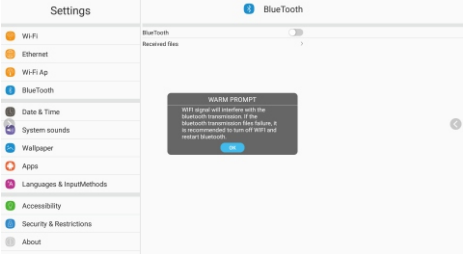
Wallpaper

: Tap on wallpaper to select application wallpaper; users can also use a custom wallpaper;



Bluetooth

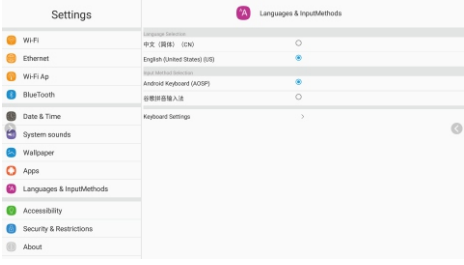
Bluetooth: tap on the Bluetooth icon to enable or disable Bluetooth functions;

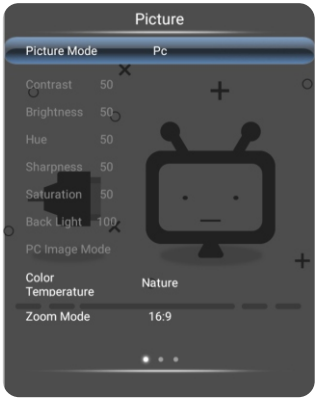


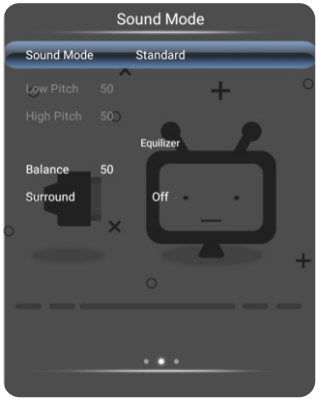
Basic Operating Instructions

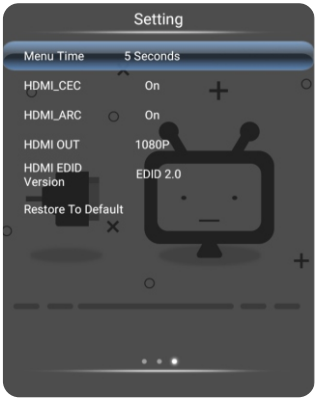
Language and Input Method

: tap on input method to select the language and input method;









Basic Operating Instructions

Smart Conferencing Tablet menu settings - Watch List

Picture	Picture Mode	Select imaging mode (standard, computer, beautiful, bright, soft, natural, sports, auto, and user).
	Contrast	Contrast refers to the measurement of the different levels of brightness between the brightest white and darkest black areas that appear in an image.
	Brightness	Adjust the overall brightness of an image: analog increase of brightness to make an image appear brighter or dimmer (range of 0-100).
	Hue	Adjust the image's color tones. Increase the analog quantity to change the color to green, and decrease the analog quantity to change the color to purple (range of 0-100).
	Sharpness	Adjust the black and white layering in an image: increase the analog level of sharpness to increase layering, and decrease it to reduce layering (range of 0-100).
	Saturation	adjust the color depth in an image, increasing the analog to make colors appear richer, or decreasing it to make colors appear duller (range of 0-100).
	Back Light	Adjust the brightness of the screen's back light.
	PC Image Mode	Screen auto correct (only applicable to VGA signals)
	Colour Temperature	Adjust an image's overall warmth: standard, warm, and cool.
	Zoom Mode	Adjust the screen's display ratio: select from a variety of display proportions, like full-screen, 4:3, movie, subtitles, etc.
	Note: contrast, brightness, color tone, clarity, and saturation can only be manually adjusted while in user mode.	
Sound Mode	Sound Mode	Sound mode: select the sound effect mode (standard, music, theater, gym, user).
	Low Pitch	Adjust bass volume: increase the analog level to raise bass volume, decrease analog level to lower bass volume (a range of 0-100).
	High Pitch	Adjust treble volume: increasethe anglog level to raise treble volume, decrease analog leve to reduce treble volume (a range of 0-100).
	Balance	Adjust left and right speaker balance levels: shift the analog bar to the left to raise the volume of the left speaker and reduce the volume of the right speaker, shift it to the right to raiserthe volume of the right speaker and reduce the volume of the left speaker (a range of L50-R50). Under normal circumstances, set the balance as 0.
	Surround	Enable/disable surround sound.
	Note: bass and treble analog bars can only be adjusted in User mode.	
Setting	Menu Time	Adjust menu brightness time: 5 sec, 10 sec, 15 sec, 20 sec, 30 sec, always bright.
	HDMI_CEC	Adjust HDMI_CEC mode: enabled and disabled modes are available.
	HDMI_ARC	Adjust HDMI_ARC mode: enabled and disabled modes are available.
	HDMI OUT	Switch HDMI OUT output signal to 1080P or 4K.
	HDMI EDID Version	Adjust HDMI EDID version: EDID1.4 or EDID2.0.
	Restore To Default	Restores all settings to their defau lt factory settings and restarts the system.

Note: different device models and different signal sources may have different menu options. Please refer to the actual product.

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Simple Troubleshooting

Symptom	Possible Cause	Solution
The screen does not display anything; there is no sound, and the indicator does not come on	Looseness of power plug, power connection failure	Check if the power cord is properly connected
Pictures shown on the product have dotted line or stripe interference	Signal interference caused by automobile, neon light, electric hair dryer, etc.	Do not use the electric hair dryer near the product;
Pictures shown on the PC are offset, do not cover the entire screen, go beyond the screen, or are blurred	1. Improper adjustment 2. Wrong display mode	1. Use the auto adjustment function 2. Enter "PC Screen Adjustment" to adjust the horizontal or vertical position 3. Use the recommended mode
Short remote control distance, malfunction of remote control	1. The remote receiver of the product is blocked by some object 2. Battery level of the remote control is low	1. Move the object to avoid blocking the remote receiver 2. Replace the battery
The product gets stuck, crashes or cannot be operated	1. Too many programs are running 2. Normal operation of the product is disturbed by external environment (e.g., lightning, static electricity)	Disconnect the product from power supply; wait for 1-2min and reconnect power supply; then restart the product
The touch is slow, and doesn't work	Too many machines run programs	Clean up a program that runs memory large or restart the product
OPS can't be turned on no display, no touch	OPS has no fixed well	Reinstall the OPS computer
Touch offset	It is caused by errors in computer system coordinates, and requires calibration.	Enter control panel to select calibration.
The touch function does not work when connected to an external computer	1. The touch USB cable is connected to the wrong port; 2. The touch USB cable is too long or has a poor quality.	1. Check and connect the touch USB cable to the right port; 2. Replace the touch USB cable with a shorter or better one.
Abnormal startup, automatic shutdown	1. Check whether the sleep function is enabled; 2. Check whether there is signal.	1. Troubleshoot according to general computer check items; 2.Test with a valid signal source.
The indicator light is red, and the product cannot be turned on	The indicator light is red, and the product cannot be turned on.	Use the remote control or button on the product to turn it on.
The product cannot display contents from the external computer	The channel is not correctly connected.	Check whether the channel is correct.
The product shows pictures but has no sound	If an external computer is used, check whether the audio cable is correctly connected, or whether the external device and this product are muted.	Check the audio cable, and try adjusting the volume using VOL+/-.
The writing function does not work	Other articles come into contact with the screen, such as paper slip and sleeve.	Contact the screen vertically (at the angle of 90°) with your stylus or finger.

FAQ

1. Why does mist often appear on the screen?

In order to protect the screen, a layer of tempered glass is used outside the screen. To ensure heat dissipation, there must be certain clearance between the screen and the tempered glass, thus to reserve an air passage for cross-ventilation. Mist is produced mainly because of the difference between screen temperature and ambient temperature; when hot air comes into contact with the glass surface at a lower temperature, it will condense to form mist. Such mist will not affect normal use, and generally will slowly evaporate and disappear several hours after startup.

2. Why does the startup time varies?

Generally, factors such as external USB flash drive, virus, low memory, or system disk damage, will result in slow startup. You can contact the local agent for details we have professional engineers to help you solve the problems.

3. Why does the laptop have no sound?

A laptop can be connected to the product in many ways. If only the VGA cable is connected, only images will be transmitted; it is needed to connect the audio cable. Similarly, if only the audio cable is connected, sound and images cannot be output. Both the VGA and audio cables should be connected, and the VGA channel should be identified; or, connect with an HDMI cable.

4. The number of stylus supplied with the product is limited. What objects can be used as a stylus to write flexibly without scratching the screen?

Your fingers and capacitive/magnetic pens can be temporarily used to write on the screen. Where necessary, Contact local agent if necessary.

5. Is it normal that the screen feels hot after it has been used for a period of time? Is there any adverse effect?

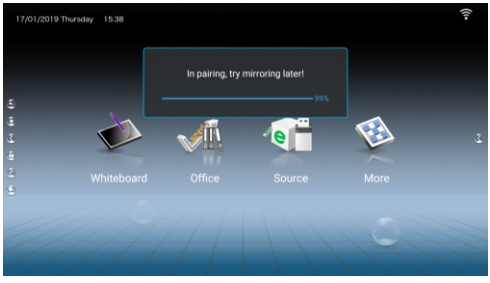
Screen heating is a normal phenomenon (heat dissipation), and no adverse effect will be caused. Currently, the heat dissipation design of our products is industry-leading, and it sets the industry standard and conforms to the national health standard.

6. Will long-time use cause any harm to user's eyes?

Human eyes can perceive flickers below 50Hz; eyestrain can be caused as the eye muscles continuously adjust themselves to such flickers. Since we use 60Hz and 120Hz LCD screens, human eyes actually cannot perceive the flickers of our screens. Therefore, compared with other similar products, our products can largely relieve eyestrain.

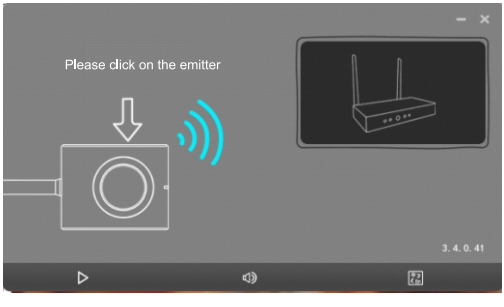
Horion Screen Mirror Device Operating Instructions

Step 1: plug the screen caster into the Horion Smart Conferencing Tablet and wait for successful pairing:



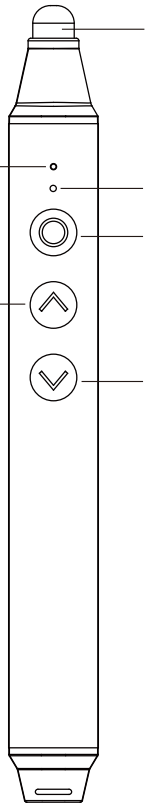
Step 2: plug the successfully paired screen caster into a PC.
If this is the first time using the screen caster with this computer, you must double click "Client.exe" or "Client.app" in the screen caster's USB drive, and the system will display the following prompt:
If this is not the first time using the screen caster, the system will automatically display this prompt after 15s:

Step 3: after the screen caster pairs with the PC, the following interface will appear. Click on the screen caster button to begin screen casting.



Smart flip pen User's Manul

Product function diagram



1.Writing (smart flat writing function)

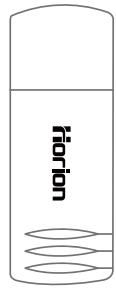
2.LED blue light

3.Microphone

4.Left mouse button/ Indicative function(Long press to call out flying mouse,release to switch off flying mouse)

5.On the page (click on the page) /Full screen, exit (long press 2S)

6.Down page (click down one page) /Open voice (long press to open voice, release off)



7. RX200 Receiver

(Smart Styluses may vary)

Smart flip pen User's Manul

Product specifications

Features	1. Pen (smart flat writing function) 2.LED blue light ① signal indicates ② when the battery is low, the indicator light flash ③ light when the indicator light flashing, full of light after the light is bright. 3. Microphone 4. Left mouse button (click) / mouse (long press to call out, release off) 5. flip / full screen, exit (long press 2S) 6. down page / open voice (long press to open, release off) 7. RX200 Receiver
wireless technology	2.4GHz wireless technology, open remote control distance of 30 meters
USB interface	USB 3.0/2.0/1.1
power supply &Voltage	200mAhlithium battery，3. 7-4. 2V
Volume	Product size: 153.8mm (length) * 17.3mm (width) * 15.2mm (high)
System Requirements	Windows 8/7/Vista/2000/XP, Mac OS10.0 , Android4.0 or Updated version of Android / Linux / Mac OS only supported Hold the mouse and flip function
Package Contents	1. Smart flip pen 2. RX200 Receiver 3. White nano-pen (2) 4. Manual 5. Gift box

Wall-mounting Bracket Installation

Safety tips for installation:

1. At least 2 professional personnel should be at the spot when installing the wall mounting bracket and the IFP. In case of damage to the personnel and device, the User should not perform the installation without guidance.

2. The installation position should be on the wall that can bear the weight of the IFP and bracket, and measures should be taken to avoid the effects of external force.

3. To avoid accidental damage for the device and human safety, please install the bracket in the place which avoids the contact of children.

4. The bracket should be installed on the vertical flat surface.

5. When the installed screws or other parts become loose or lost, please turn off the device and pull out the power socket, then entrust professional maintenance personnel to check and repair.

6. These places should be avoided when install the device: strong electric field, strong magnetic field, strong noise and shake field, and the places of the inflammable gas leak.

7. For the best watching effect, the bracket should be installed on the place where the direct intense light and reversed light situations should be avoided.

8. In case of fire, please avoid the place as below: heavy soot, windy and dusty place, intense humidity and intense heat.

9. In the process of installation, please make sure the firm connection between the screws and bracket to avoid the damage to the people.

10. This instruction should be strictly followed, any damage and lost caused by inappropriate installation and operation, our company will not response for it.

List of Wall-mounting Bracket:

1. Wall-mounting bracket 1 set
2. Four M8（M6）machine screws
3. Eight M8 expansion screws

Installation tools needed:

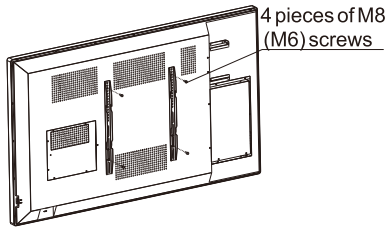
Churn (impact) drill, pencil, screwdriver, hammer, wrench.

Attention:

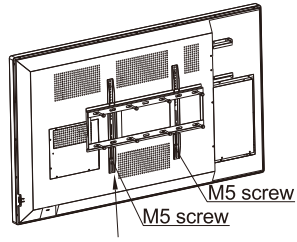
In order to guide the installation of hanging rack correctly , please read the installation instructions book carefully .
Please entrust the professional installation company install the rack.
If there is any unknown point when reading or using this manual, please contact with our company.

Installation Steps:

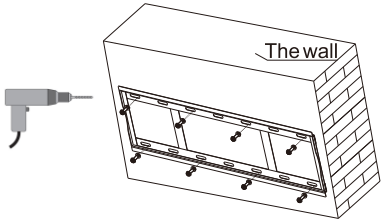
1. As blow picture: Lock the hanging bracket to the corresponding VESA holes of IFP, with 4 pieces of M8 (M6) screws.



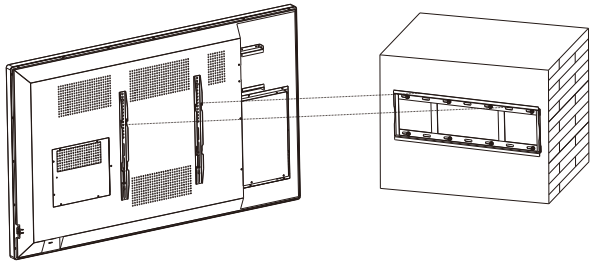
4. After put the IFP on the wall mounting bracket, tighten the nuts of 2 pieces M5 screw, in case of being stolen.



2. Picture as below: put the combined wall mounting bracket on the suitable wall, use the hammer to drive the M8 expansion screws into the wall(4 pieces at least for every top and bottom side, The client should choose the right specification of the expansion screws according to the wall type. normal advice size M8×80mm and ∅10mm hole on the wall) then use the screw nuts to fasten the bracket.



3. Then put the IFP onto the corresponding hole on the combined wall mounting bracket. (You can adjust the horizontal position by yourself)



Toxic/Hazardous Substances/Elements in the Product

Names and contents of toxic and hazardous substances or elements contained in the product

Component	Toxic and Hazardous Substance or Element					
	(Pb)	(Hg)	(Cd)	(Cr^{6+})	(PBB)	(PBDE)
Display screen	×	○	○	○	○	○
Housing	○	○	○	○	○	○
PCB assembly*	×	○	○	○	○	○
Power cord and connecting wires	×	○	○	○	○	○
Metal parts	○	○	○	○	○	○
Packing materials*	○	○	○	○	○	○
Remote control	×	○	○	○	○	○
Loudspeaker	×	○	○	○	○	○
Accessories*	○	○	○	○	○	○

*: PCB assembly includes the PCB and its electronic components;
Packing materials include the carton and Styrofoam, etc.;
Other accessories include the User's Manual and so on;
○: The toxic and hazardous substance contained in all homogeneous materials of that component does not exceed the limit requirement prescribed in the GB/T 26572-2011 standards.
×: That toxic and hazardous substance contained in one or more homogeneous materials of that component exceeds the limit requirement prescribed in the GB/T 26572-2011 standards.

Provided by our material suppliers and verified by us, the data in the table above indicates that the product contains hazardous substances. Due to the limitation of the existing technology, the hazardous substances in some materials cannot be replaced, although we have been striving to improve this situation.

The product has an Environmental Friendly Use Period of 10 years. The pollution control symbol is shown on the right.

The EFUP is valid only when the user operates in normal conditions specified in the User's Manual

Indicative Description of Regulations on Recycling and Disposal of Waste Electrical and Electronic Products.

When you no longer need this product or its service life expires, please send it to a qualified recycling station in your area for recycling according to the Regulations on Recycling and Disposal of Waste Electrical and Electronic Products, in order to protect the Earth.

Dear user, thank you for purchasing this product. If you encounter any problem during use, please contact your local agent. This manual is subject to change without further notice.

Please keep this manual properly for future reference.