

Smart Interactive Display (Wireless Module) Quick Guide

V1.04



1 Safety Instructions

The device must be installed, serviced and maintained by a trained professional with necessary safety knowledge and skills. Before installation, be sure to carefully read and implement the safety instructions specified in this manual.

- Make sure the power supply meets the requirements indicated on the device, and the supply voltage is stable. Non-compliant power supplies may cause device failure.
- The operating temperature for the device is 0°C to 50°C. Operation out of this range may cause device failure. The operating humidity is 10% to 90%. Use a dehumidifier if necessary.
- Take effective measures to protect the power cord from being tramped or pressed.
- Keep the device away from fire and water.
- Do not open the cabinet as there are high voltage components inside.
- Handle with care during transportation and installation. Do not knock, squeeze or carve the screen with hard objects. User shall assume total responsibility for damages caused by improper user operations.
- Use the device in a clean environment.
- Installing or moving the device shall be done by more than two people. Avoid placing the device on uneven surfaces to prevent personal injury and device damage from tip-over.
- Unplug the power cord before leaving this device unused for long periods. Do not turn on and off frequently. Wait at least 3 minutes before turning on/off again.
- Do not insert objects of any kind into the device via the vent or input/output ports. It may cause short circuit, device failure, or electric shock. Be especially careful when children are present.
- When the device is moved from a cold environment to a warm environment, condensation may occur inside the device. Please wait for a while for the condensation to fully dissipate before powering on the device.

2 Packing List

Contact your local dealer if the package is damaged or incomplete. The package contents may vary with device model.

No.	Name	Qty	Unit
1	Smart interactive display	1	PCS
2	Wireless module	1	PCS
3	Power cable	1	PCS
4	Touch pen	2	PCS
5	Remote control	1	PCS
6	Wall mount bracket	1	Set
7	Product documents	1	Set

3 Product Overview

The appearance and interfaces may vary with device model.

3.1 Appearance

Figure 3-1 Front View

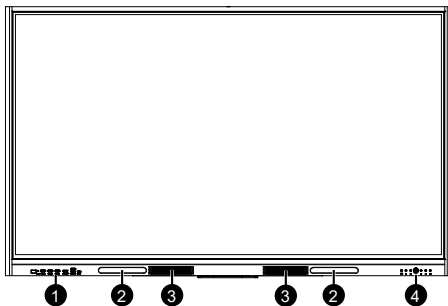
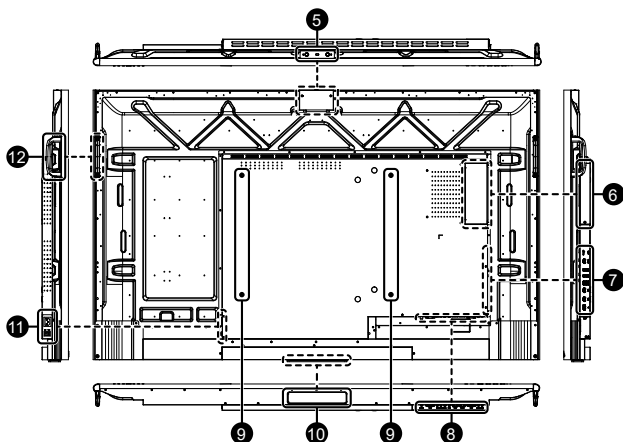


Figure 3-2 Rear View



1. Front interfaces	2. Touch pen slot	3. Speaker
4. Front buttons	5. Module connector	6. OPS slot
7. Side interfaces	8. Bottom interfaces	9. Mount bracket hole
10. wireless module slot	11. Power interface, power switch	12. Handle

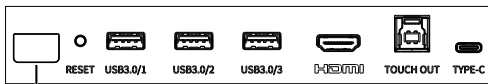


NOTE!

Certain devices have a built-in camera module, but have no module connector.

3.2 Interfaces/Buttons

Figure 3-3 Front Interfaces



IR IN/Photosensitive sensor

Figure 3-4 Front Buttons

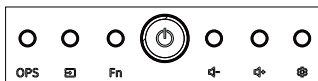


Figure 3-5 Side Interfaces

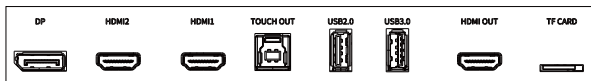


Figure 3-6 Bottom Interfaces

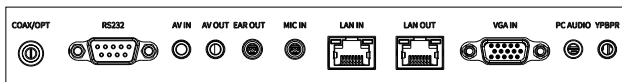
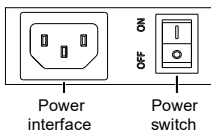


Figure 3-7 Power Interface



Name	Description
IR IN/ Photosensitive sensor	● IR IN: Infrared receiver, receives infrared signals from the infrared remote control to control the display. ● Photosensitive sensor: Used to adjust the screen brightness automatically based on the ambient light intensity.
RESET	OPS reset button, when the device runs in Windows, press and hold the button for more than 5 seconds to restore the Windows settings to factory defaults.
USB	USB interface, connects to a USB device such as USB flash drive (used to receive upgrade packages and files), keyboard and mouse (used to control the device).
HDMI	HDMI video input interface, connects to a video source device such as PC for video input.
TOUCH OUT	Touch output interface, connects to the same video source device with HDMI video input interface, such as PC, for touch control to the video source device.
TYPE-C	Type-C interface, supports video input, data transmission, TOUCH output, fast charging, etc.
OPS	OPS switch button, when an OPS module is installed on this device and the device is using other signal sources, press the button to switch to Windows system; if no OPS module is installed, the screen shows no signal.
	Input source button, press to open and switch signal input sources.
Fn	Reserved.
	Power button, when the device is powered on but not started, press the button to start the device; when the device is operating, press the button to select the power status. You can check the device status through the indicator. ● Red: The device is powered on but not started. ● White: The device is starting/running normally. ● Off: The device is powered off.

Name	Description
	Turn down the volume.
	Turn up the volume.
	Settings button. Press to configure device functions, network, etc.
DP	DP video input interface, connects to a video source device such as PC for video input.
HDMI OUT	HDMI video output interface, connects to a display device such as display screen for video output.
TF CARD	TF card slot, used to insert a TF card to expand the display's storage capacity
COAX/OPT	Audio output interface, connects to an audio playback device such as speaker for audio output.
RS232	RS232 interface, connects to other devices such as PC for control signal input via the serial port tool.
AV IN	AV video input interface, connects to a video source device such as PC for video input.
AV OUT	AV video output interface, connects to a display device such as display screen for video output.
EAR OUT	Audio output interface, connects to an audio playback device such as earphone for audio output.
MIC IN	Audio input interface, connects to an audio source device such as microphone for audio input.
LAN IN	Network input interface (supports both Android and Windows), connects to a network device such as switch for network access.
LAN OUT	Network output interface, connects to other devices such as PC and display so that other devices can access the network and be on the same network as this device. NOTE! This interface is available only when the LAN IN interface is connected to Ethernet.
VGA IN	VGA video input interface, connects to a video source device such as PC for video input.

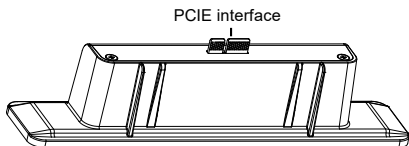
Name	Description
PC AUDIO	Audio input interface, connects to the same video source device such as PC with VGA input and YPBPR input interfaces for video and audio input.
YPBPR	YPBPR video input interface, connects to a video source device such as PC for video input.
Power interface	Connect the device to power via the power cable that meets the marked power requirements.
Power switch	Power on/off the device.

3.3 Wireless Module

The wireless module is divided into two parts: Wi-Fi module and Bluetooth module. If you need to connect to wireless networks or Bluetooth devices, please install a wireless module first.

- Wi-Fi module: Wi-Fi 6 + Wi-Fi 5, Wi-Fi 6 for uplink routing, supports 2.4G/5G.
- Bluetooth module: Integrated with Wi-Fi 6 module, built-in antenna, supports Bluetooth 5.2 protocol.

Figure 3-8 Wireless module



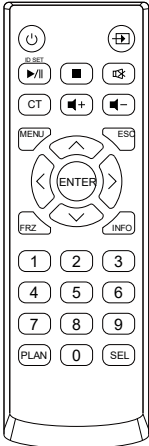
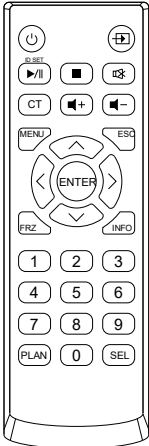
Insert the wireless module into the wireless module slot at the bottom of the device. The wireless module is hot-pluggable.

3.4 Remote control



NOTE!

The buttons not shown in the table below are reserved functions and are currently unavailable.

Button	Description	Diagram
	Turn on/off the device. CAUTION! After you turn off the device using the remote control, the device remains powered on. Please be aware of fire and electric hazards.	
	Switch the signal source and display the corresponding image.	
	Play/pause video.	
	Stop video and exit the playback screen.	
	Turn off/on sound.	
	Turn up the volume.	
	Turn down the volume.	
	- Choose up/down/left/right. - Change values.	
ENTER	Confirm the selection.	
MENU	Open the setting screen.	
ESC	Return to the previous screen.	
0~9	Select the number.	

4 Installation

4.1 Bracket Installation

The device supports wall installation and floor installation. You can use the supplied wall mount bracket to fix the device to the wall, or purchase our mobile stands. See the corresponding documents for details

4.2 Cable Connection

Connect cables and other devices as needed. See [Interfaces/Buttons](#) for details.

5 Startup

For first use, connect the device to power using the power cable, turn the power switch on, and press the power button.

After startup, complete the initial configuration of the device according to the startup wizard.



NOTE!

- You can set the boot mode under **Settings > General > Boot Mode**.
- Standby Power Consumption $\leq 0.5\text{W}$.

6 GUI Introduction

6.1 Icons

Icon	Description
	Hide the navigation bar.
	View tutorial videos, operation guides, and FAQs.
	Return to the previous screen.
	Return to the home screen.
	View running apps and switch between them.
	Switch signal sources.
	Set network, display, sound, etc.
	Select the power status.
	Various small tools, such as annotation and volume adjustment.

6.2 Features



High-precision touch, smooth writing



Wireless screen mirroring, easy sharing



Fast file transfer, one-key to transfer files



Minimalist interaction design, easy to use

More exciting features for you to explore...

7 Troubleshooting

If	Then
The power indicator lights in red and cannot change to green.	● Check if the voltage and grounding of the power cable plug are normal. ● Press the power button on the display/remote control to turn on the display.
The display cannot be turned on; there is no image on the screen and no sound coming from the display; the power indicator is not lit.	● Check if the voltage and grounding of the power cable plug are normal. ● Check if the rocker switch is switched to position “1”. ● Check if the power button on the display/remote control is normal.
Some buttons do not work.	Check if the buttons cannot pop up due to excessive force. Check if there is dust accumulated in the gap of the buttons.

If	Then
The display cannot recognize the connected PC.	● Try another USB interface. ● Replace the USB touch cable. ● Reinstall the system.
There is no sound coming from the display.	Turn up the sound volume. If there is still no sound, please operate as follows: Check if the speaker is normal. Insert an USB flash drive with songs into the USB interface, and play a song to test if there is sound output. If there is sound, the speaker is normal, and you need to reinstall the system. If there is no sound, the speaker or the board may have problems.
There is noise coming from the external speaker.	● Check if there is electromagnetic interference. ● Plug in headphones and listen if there is noise. If there is no noise, you need to replace a speaker.
The Wi-Fi signal is weak.	● Check if the wireless router works properly. ● Make sure there is no obstacle around the Wi-Fi antenna.
The device cannot connect to a Wi-Fi.	● Check if the wireless router works properly. ● Check if it is necessary to obtain an IP address automatically.
The display cannot connect to a wired network.	Check if the wired network and the network cable is normal. ● For Win7, go to Control Panel > Network and Internet > Network and Sharing Center > Change adapter settings, right-click a local area connection, click Properties, select Internet Protocol Version 4 (TCP/IPv4), double-click the protocol, enable Obtain an IP

If	Then
	address automatically and Obtain DNS server address automatically. ● For Win10, go to Settings > Network & Internet > Network and Sharing Center > Change adapter settings, right-click a local area connection, click Properties, select Internet Protocol Version 4 (TCP/IPv4), double-click the protocol, enable Obtain an IP address automatically and Obtain DNS server address automatically.
There is water mist between the display screen and the tempered glass screen protector.	This problem is caused by the temperature difference between the inside and outside of the glass. The water mist generally disappears after the display is powered on and does not affect the normal operation of the device.
There are lines or ripples in images.	● Check if there is interference near the device. Keep the device away from interference or insert the power plug into another socket. ● Check if the video cables are of high quality.
You cannot operate the device, for example, it gets stuck or crashes.	Disconnect the power supply, wait one minute and then restart the device.
The display shows delayed or no touch response.	Check if too many programs are running. Stop the programs that cause high memory usage or restart the device.
The OPS computer cannot be turned on normally; there is no image on the screen and no response to touch.	Unplug the OPS computer and plug in again.

Disclaimer and Safety Warnings

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- This manual is intended for multiple product models, and the photos, illustrations, descriptions, etc, in this manual may be different from the actual appearances, functions,

features, etc, of the product.

- This manual is intended for multiple software versions, and the illustrations and descriptions in this manual may be different from the actual GUI and functions of the software.
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- To the extent allowed by applicable law, in no event shall Uniview's total liability to you for all damages for the product described in this manual (other than as may be required by applicable law in cases involving personal injury) exceed the amount of money that you have paid for the product.

Network Security

Please take all necessary measures to enhance network security for your device.

The following are necessary measures for the network security of your device:

- **Change default password and set strong password:** You are strongly recommended to change the default password after your first login and set a strong password of at least nine characters

including all three elements: digits, letters and special characters.

- **Keep firmware up to date:** It is recommended that your device is always upgraded to the latest version for the latest functions and better security. Visit Uniview's official website or contact your local dealer for the latest firmware.

The following are recommendations for enhancing network security of your device:

- **Change password regularly:** Change your device password on a regular basis and keep the password safe. Make sure only the authorized user can log in to the device.
- **Enable HTTPS/SSL:** Use SSL certificate to encrypt HTTP communications and ensure data security.
- **Enable IP address filtering:** Allow access only from the specified IP addresses.
- **Minimum port mapping:** Configure your router or firewall to open a minimum set of ports to the WAN and keep only the necessary port mappings. Never set the device as the DMZ host or configure a full cone NAT.
- **Disable the automatic login and save password features:** If multiple users have access to your computer, it is recommended that you disable these features to prevent unauthorized access.
- **Choose username and password discretely:** Avoid using the username and password of your social media, bank, email account, etc, as the username and password of your device, in case your social media, bank and email account information is leaked.
- **Restrict user permissions:** If more than one user needs access to your system, make sure each user is granted only the necessary permissions.
- **Disable UPnP:** When UPnP is enabled, the router will automatically map internal ports, and the system will automatically forward port data, which results in the risks of data leakage. Therefore, it is recommended to disable UPnP if HTTP and TCP port mapping have been enabled manually on your router.
- **SNMP:** Disable SNMP if you do not use it. If you do use it, then SNMPv3 is recommended.
- **Multicast:** Multicast is intended to transmit video to multiple devices. If you do not use this function, it is recommended you disable multicast on your network.
- **Check logs:** Check your device logs regularly to detect unauthorized access or abnormal operations.
- **Physical protection:** Keep the device in a locked room or cabinet to prevent unauthorized physical access.
- **Isolate video surveillance network:** Isolating your video surveillance network with other service networks helps prevent unauthorized access to devices in your security system from other service networks.

Learn More

You may also obtain security information under Security Response Center at Uniview's official website.

Safety Warnings

The device must be installed, serviced and maintained by a trained professional with necessary safety knowledge and skills. Before you start using the device, please read through this guide carefully and make sure all applicable requirements are met to avoid danger and loss of property.

Storage, Transportation, and Use

- Store or use the device in a proper environment that meets environmental requirements,

including and not limited to, temperature, humidity, dust, corrosive gases, electromagnetic radiation, etc.

- Make sure the device is securely installed or placed on a flat surface to prevent falling.
- Unless otherwise specified, do not stack devices.
- Ensure good ventilation in the operating environment. Do not cover the vents on the device. Allow adequate space for ventilation.
- Protect the device from liquid of any kind.
- Make sure the power supply provides a stable voltage that meets the power requirements of the device. Make sure the power supply's output power exceeds the total maximum power of all the connected devices.
- Verify that the device is properly installed before connecting it to power.
- Do not remove the seal from the device body without consulting Uniview first. Do not attempt to service the product yourself. Contact a trained professional for maintenance.
- Always disconnect the device from power before attempting to move the device.
- Take proper waterproof measures in accordance with requirements before using the device outdoors.

Power Requirements

- Install and use the device in strict accordance with your local electrical safety regulations.
- Use a UL certified power supply that meets LPS requirements if an adapter is used.
- Use the recommended cordset (power cord) in accordance with the specified ratings.
- Only use the power adapter supplied with your device.
- Use a mains socket outlet with a protective earthing (grounding) connection.
- Ground your device properly if the device is intended to be grounded.

Battery Use Caution

- When battery is used, avoid:
 - Extremely high or low temperature and air pressure during use, storage and transportation.
 - Battery replacement.
- Use the battery properly. Improper use of the battery such as the following may cause risks of fire, explosion or leakage of flammable liquid or gas.
 - Replace battery with an incorrect type.
 - Dispose of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery.
- Dispose of the used battery according to your local regulations or the battery manufacturer's instructions.

Avertissement de l'utilisation de la batterie

- Lorsque utiliser la batterie, évitez:
 - Température et pression d'air extrêmement élevées ou basses pendant l'utilisation, le stockage et le transport.
 - Remplacement de la batterie.
- Utilisez la batterie correctement. Mauvaise utilisation de la batterie comme celles mentionnées ici, peut entraîner des risques d'incendie, d'explosion ou de fuite liquide de gaz inflammables.
 - Remplacer la batterie par un type incorrect.
 - Disposer d'une batterie dans le feu ou un four chaud, écraser mécaniquement ou couper la batterie.

- Disposer la batterie utilisée conformément à vos règlements locaux ou aux instructions du fabricant de la batterie.

Regulatory Compliance

FCC Statements

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.

Visit http://en.uniview.com/Support/Download_Center/Product_Installation/Declaration/ for SDoC.

Caution: The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

LVD/EMC Directive



This product complies with the European Low Voltage Directive 2014/35/EU and EMC Directive 2014/30/EU.

WEEE Directive-2012/19/EU



The product this manual refers to is covered by the Waste Electrical & Electronic Equipment (WEEE) Directive and must be disposed of in a responsible manner.

Battery Directive-2013/56/EU



Battery in the product complies with the European Battery Directive 2013/56/EU. For proper recycling, return the battery to your supplier or to a designated collection point.

ENERGY STAR

As an ENERGY STAR Partner, Uniview has followed the EPA's enhanced product qualification and certification process to ensure that the products marked with the ENERGY STAR logo are ENERGY STAR qualified per the applicable ENERGY STAR guidelines for energy efficiency. The logo appears In the event that brightness settings or power mode settings are changed by the user, energy consumption of the panel may increase beyond the limits required for ENERGY STAR certification. Additional information on the ENERGY STAR program and its environment benefits are available on the EPA ENERGY STAR website at <http://www.energystar.gov>

The Manufacturer-reported maximum luminance L_{Max} Reported is 350cd/m².