



UNV Display V1.04 Smart Interactive Display Wireless Module User Guide

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Safety Warnings

- 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 power supply of the display system shall be in phase with that of the image controller and PC, but not in phase with high-power devices (such as high-power air conditioner).
- All the grounding devices must be securely grounded, and the grounding wire of all the devices must be connected to an equipotential socket. The ground bus shall use multi-core copper wires. The ground bus must not be short circuited with the neutral wire of the power grid and must not be connected to the same socket with other devices. All the grounding points must be connected to the same grounding bar, and the voltage difference between devices must be zero.
- 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

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	Product documents	1	Set

Product Overview

The appearance and interfaces may vary with device model.

Appearance

Figure 3-1 Front View

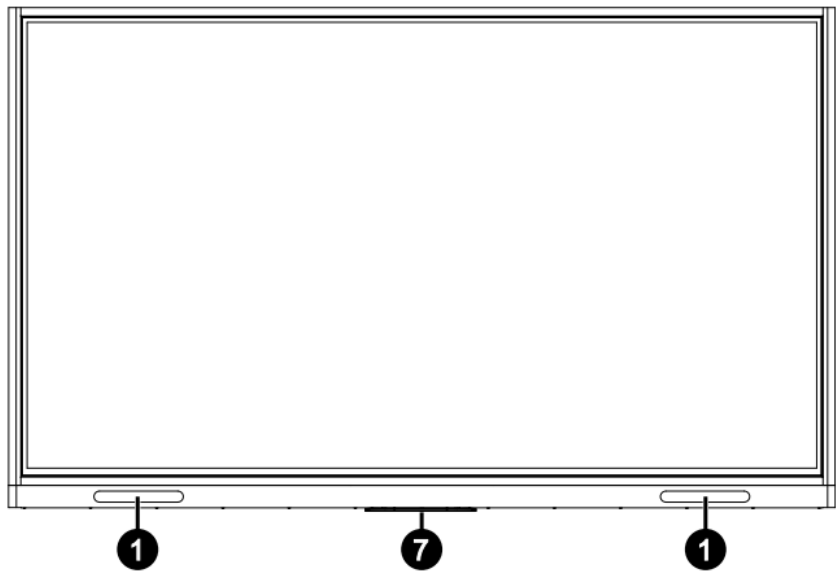
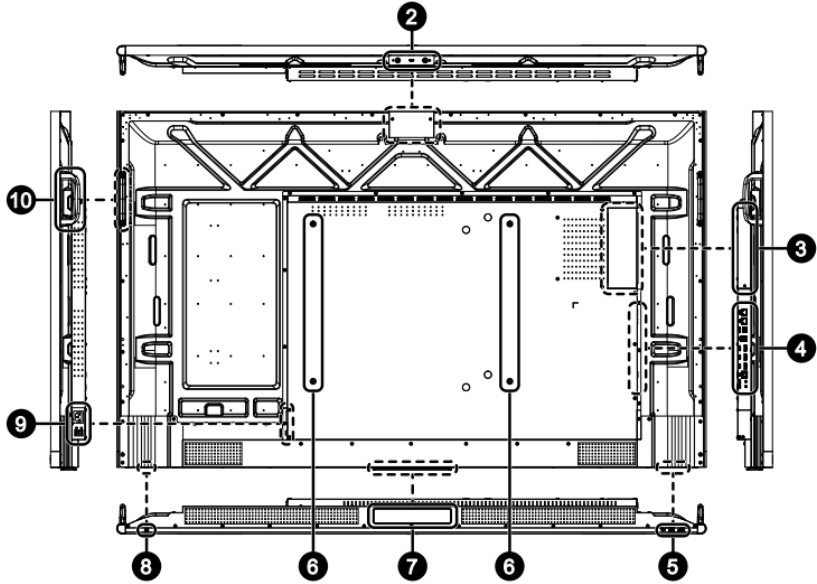


Figure 3-2 Rear View



1: Touch pen slot	2: Module connector	3: OPS computer slot
4: Side interfaces	5: Bottom interfaces	6: Bracket mounting hole
7: Wireless module slot	8: Power button	9: Power interface, power switch
10: Handle	—	—

Interfaces

Figure 3-3 Bottom Interfaces

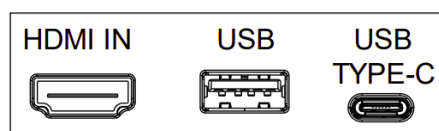
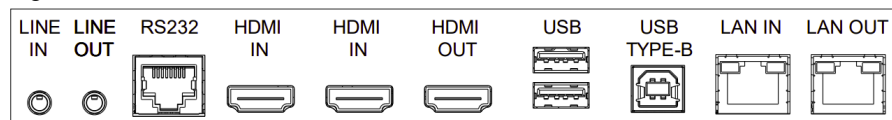


Figure 3-4 Side Interfaces



Interface	Description
HDMI IN	HDMI video input interface, connects to a video signal output device such as PC or NV R for video signal input.
USB	USB Type-A 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). NOTE: The bottom USB interface is available for both Android and Windows, and the side USB interface is available for Android only.
USB TYPE-C	USB Type-C interface <ul style="list-style-type: none"> Connects to a video signal output device for video signal input. Supports USB 2.0 for data transmission. NOTE: You can connect a DP adapter to receive DP video signals.
LINE IN	3.5mm audio input interface, connects to an audio signal output device such as microphone for audio input, supports stereo.
LINE OUT	3.5mm audio output interface, connects to an audio signal input device such as speaker for audio output, supports stereo.
RS232	RS232 serial port, connects to an RS232 device such as PC for control signal input.
HDMI OUT	HDMI video output interface, connects to a display device for video signal output.
USB TYPE-B	USB TYPE-B interface, connects to a PC to mirror the PC screen to the display and control the PC on the display. CAUTION: Connect to the same PC with HDMI IN.

Interface	Description
LAN IN	Gigabit Ethernet port, connects to a LAN device such as router for Ethernet access. NOTE: This interface supports network penetration. Android and Windows can share the same network.
LAN OUT	LAN output interface, connects to a PC to provide Ethernet access. CAUTION: This interface is available only when the LAN IN interface is connected to Ethernet.

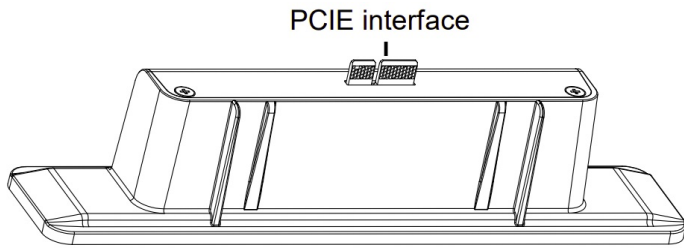
Wireless Module

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 3-5 **Wireless module**



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

Cable Connection

If the signal transmission distance exceeds 5m, you need to use high-quality HDMI and other cables to ensure the image quality. Poor quality cables may cause image noises or unstable images.



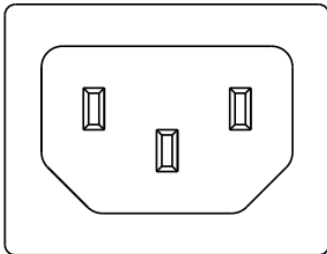
NOTE!

Image noises are also possible if the cable connector is loose or the gold plating is wore out after a long period of use.

Startup

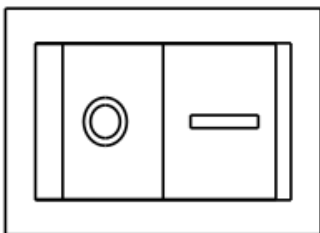
For first use, connect the device to power and turn the power switch on to start up it.

Power connector (side of device)



Power switch (side of device)

OFF ON



Power button (bottom of device)



Power Indicator	Description
Steady green	The device is starting up/operating normally.
Steady red	The device is powered on but not turned on.
Off	The device is not powered on.

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












NOTE!

- You can set the boot mode under **Settings > System > Power > Power On Mode**.
- Standby Power Consumption $\leq 0.5W$.

GUI Introduction

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 input sources.
	Set up the device.
	Select the power status.
	Various small tools.

Features

High-precision touch, smooth writing



Minimalist interaction design, easy to use



Professional acoustic design, immersive listening experience



Wireless screen mirroring, easy sharing



4K ultra-wide angle camera, wide field of view



High-performance Android, smooth to use



More exciting features for you to explore...

FAQ

If	Then
The power indicator lights in red and cannot change to green.	<ul style="list-style-type: none"> • 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.
You cannot turn on the display; there is no image and sound; the power indicator is not lit.	<ul style="list-style-type: none"> • 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.	<ul style="list-style-type: none"> • Check if the buttons cannot pop up due to excessive force. • Check if there is dust accumulated in the gap of the buttons.
The display cannot recognize the connected PC.	<ul style="list-style-type: none"> • Try another USB interface. • Replace the USB touch cable. • Reinstall the system.
There is a touch drifting problem of the display.	Go to Settings > Control Panel , and calibrate the coordinates.
There is noise coming from the external speaker.	<ul style="list-style-type: none"> • 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.

If	Then
There is no sound coming from the display.	<p>Turn up the sound volume (press the volume button or click the speaker icon in the lower right corner of the desktop). If there is still no sound, please operate as follows:</p> <ul style="list-style-type: none"> • Check if the speaker is normal. Insert a USB flash drive with songs into the board, 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.
The Wi-Fi signal is weak.	<ul style="list-style-type: none"> • Check if the wireless router works properly. • Make sure there is no obstacle around the Wi-Fi antenna.
The display cannot connect to a wired network.	<p>Check if the wired network and the network cable is normal.</p> <ul style="list-style-type: none"> • 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 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.

If	Then
The display cannot connect to a Wi-Fi.	<ul style="list-style-type: none"> • Check if the wireless router works properly. • Check if it is necessary to obtain an IP address automatically.
There is water mist between the display screen and top glass.	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.	<ul style="list-style-type: none"> • 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 display, 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 and touch response.	Unplug the OPS computer and plug in again.

Disclaimer and Safety Warnings

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EU Authorised Representative

UNV Technology EUROPE B.V. Room 2945, 3rd Floor, Randstad 21-05 G, 1314 BD, Almere, Netherlands.

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Unified complies with appropriate privacy protection laws and is committed to protecting user privacy. You may

want to read our full privacy policy at our website and get to know the ways we process your personal information. Please be aware, using the product described in this manual may involve the collection of personal information such as face, fingerprint, license plate number, email, phone number, GPS. Please abide by your local laws and regulations while using the product.

About This Manual

- 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.
- Despite our best efforts, technical or typographical errors may exist in this manual. Uniview cannot be held responsible for any such errors and reserves the right to change the manual without prior notice.
- Users are fully responsible for the damages and losses that arise due to improper operation.
- Uniview reserves the right to change any information in this manual without any prior notice or indication. Due to such reasons as product version upgrade or regulatory requirement of relevant regions, this manual will be periodically updated.

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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 i

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.

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.



Documents / Resources

	<p>UNV Display V1.04 Smart Interactive Display Wireless Module [pdf] User Guide MW35XX-U-E, V1.04 Smart Interactive Display Wireless Module, V1.04, Smart Interactive Display Wireless Module, Interactive Display Wireless Module, Display Wireless Module, Wireless Module, Module</p>
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References

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