



User Manual

VXN686U



Contents



Features.....	1
Safety Warning and Precautions.....	1
Installation and Connection.....	3
Packing List.....	3
Ports.....	4
Connection Diagram.....	5
Remote Control.....	5
Basic Operations.....	7
Power On/Standby.....	7
OSD Menu.....	7
Source setting.....	7
Image setting.....	8
Sound Setting.....	8
Network Setting.....	9
system settings.....	9
Time settings.....	10
About menu.....	10
Instructions.....	11
Basic Operations.....	11
File Manager.....	11
Important Statement about Network Service.....	12
Troubleshooting.....	13



Features

- 1.Run on Android 13.0 operating system with unique UI design, offering you more convenient operations and better visual experience.
- 2.Download a huge selection of applications ranging from chat, query, learning, shopping to reading over the Internet; support synchronous e-mail receiving and sending.
- 3.Support convenient operation through a mouse and keyboard with USB port, just like a computer.
- 4.Large-capacity memory and large-capacity buffer, running 4K HD movies and massive games smoothly.
- 5.High-quality LCD screen featured by flicker free, low radiation, high brightness, high contrast, large view angle and short response time, greatly reducing the ghosting of fast moving images and eye fatigue.
- 6.De-interlaced image processing and industry-leading motion compensation technology, improving the jagged and blurred edges of moving images thoroughly.
7. Dynamic contrast technology, significantly improving image definition and contrast.
- 8.Multiple USB ports, supporting HD streaming media function.

Safety Warning and Precautions

Thanks for purchasing our high-performance multifunctional LED CCTV Monitor. As a valuable offering better audio and visual experience, this product has considered the personal safety factors in design and been tested strictly before delivery. However, improper installation and use may cause electric shock or fire. To ensure its safe use, maintain its service life and bring its best performance into full play, please read and understand the operating instructions and nameplates and observe the following safety precautions carefully before using the product, and keep this Manual properly for future reference.

	Warning	May cause casualties
	Prohibited actions	

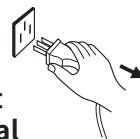
	Caution	May cause personal injury or property damage s
	Imperative operations	

In case of the

- **Power outage or unstable voltage.**
- **Abnormal sound or smell;**
- **Damaged AC power cord;**
- **Product damage caused by fall, strike or impact;**
- **Any object or liquid falling into the product.**



Turn off the product immediately, disconnect the power plug from the power socket and contact an authorized professional maintenance engineer for repair.



- In case of any flammable gas leakage, do not connect/disconnect the power plug of this product or any other electrical appliance but close the leaky valve and open the doors and windows immediately.

Safety Warning and Precautions

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 flammable or explosive substances are stored or used;
 3. Where there are combustible or corrosive gases.
 4. Like bathroom and kitchen.
- 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 attachments.
 - Do not damage the power cord:
 1. Do not remodel it;
 2. Do not put heavy objects on it;
 3. Keep it away from heat sources;
 4. Do not pull it when disconnecting the power plug.



- Paralleling multiple power plugs to one power outlet may cause fire due to excessive power consumption.
- 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.

- The ventilation holes in the housing are designed to protect the inside components against overheat and ensure their long-term reliable work. The product should be placed without blocking such ventilation holes.



- 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 protect the product against lightning stroke.



- To avoid the risk of electric shock and fire, do not disassemble the product in any way. All repairs should be referred to professional technicians.

Caution

- Do not allow children to climb the product.
- To avoid the risk of swallow, keep small accessories beyond the reach of children.
- Turn off the product and disconnect the power plug before keeping the product idle for a long time for any reason.
- Disconnect all cables before changing 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 screen or twist or press it forcibly.
- Disconnect the power plug before cleaning the product with a soft cloth without using any industrial chemical. Prevent any foreign object from falling into the product. Improper cleaning may cause damage to the appearance, erase the printed information or damage the components (if the cleaning fluid or water flows into the product) and cause display failure.)
- To ensure the display effect of this product, please select the cables that meet the certification requirements.

- To avoid the risk of dew and fault, do not use the product immediately after moving it from a low-temperature place to a higher-temperature place.
- 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, rinse the skin with clean water for 15 minutes and seek medical advices.
- 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 damage your vision.
- The power plug or appliance coupler acting as the make and break device should be easy to operate.
- Insert the power plug into the power socket reliably. A loose connection may cause sparks or fire.

Safety Warning and Precautions

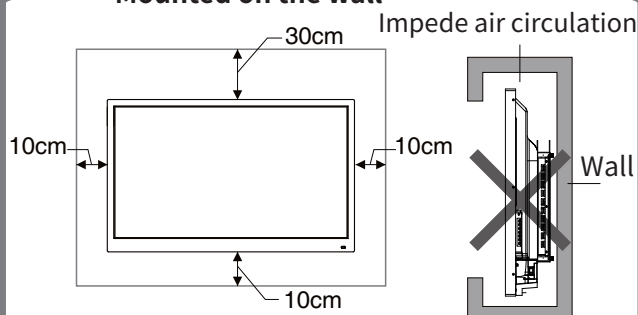


Caution

● If the product keeps displaying one image or there is any still text or icon in a moving image during a long time, a ghosting will be left on the screen and survive long after the product is turned off. Such fault is not covered by the warranty.

● The technical specifications provided in this Manual and on the carton are subject to change without further notice. If there is any difference between this Manual and any actual operation, such actual operation shall prevail.

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

Packing List

Item	
CCTV Monitor × 1	●
Remote Control × 1	●
Power Cord × 1	●

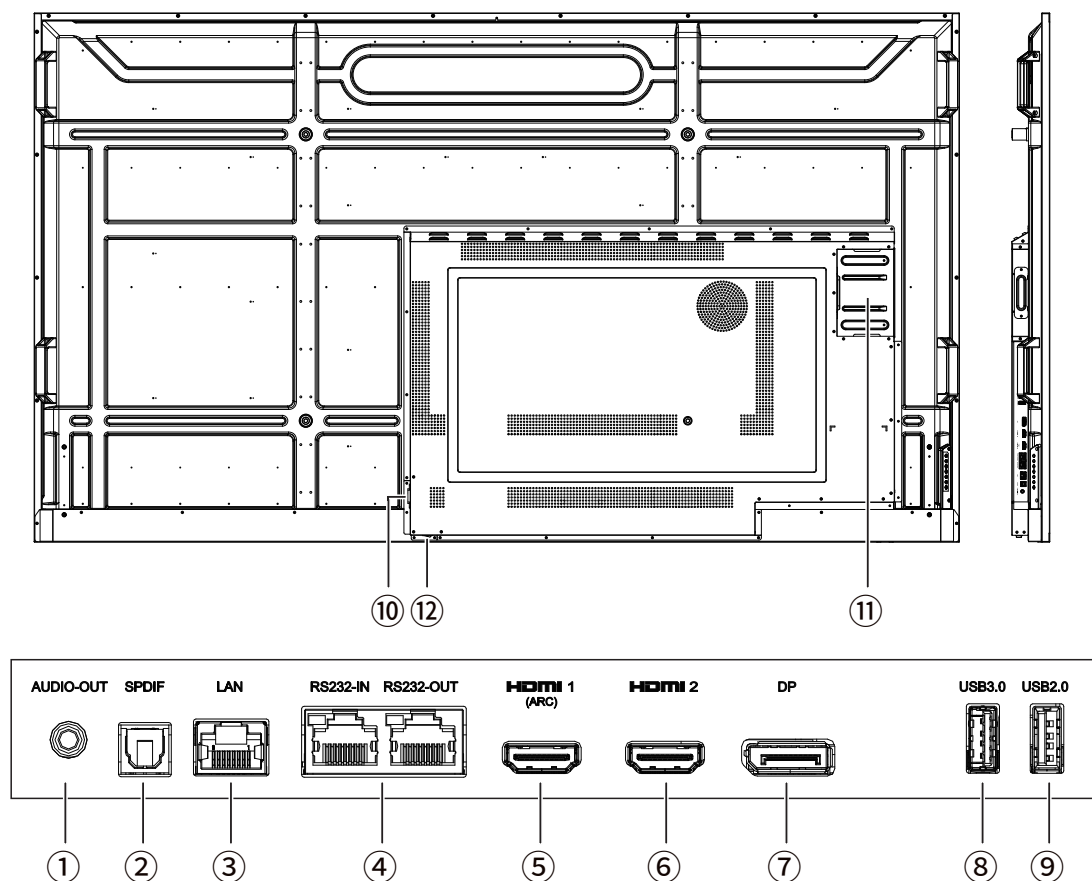
Item	
Wall-mount Instructions × 1	●
Battery × 2	●

Caution:

If you have any problem in operating, debugging or connecting the product, contact your dealer. If the product has any fault, cut off power supply immediately and contact your dealer. As a Class-A product, it may produce radio interference in living environments. In such case, using an additional power plug as the make and break device will be a practical way to restrain interference.

Installation and Connection

Ports

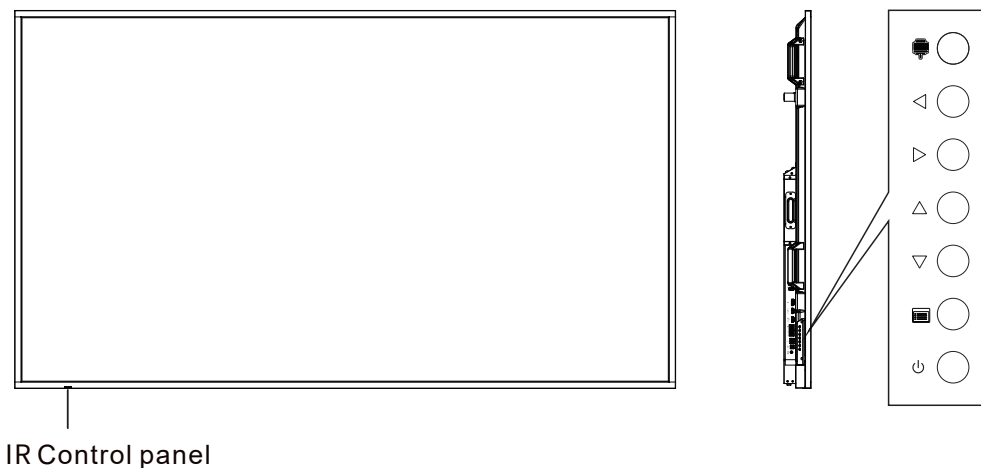


- | | |
|--------------------------------|----------------------|
| ① AUDIO-OUT output interface | ⑦ DP input interface |
| ② SPDIF interface | ⑧ USB3.0 interface |
| ③ Network interface | ⑨ USB2.0 interface |
| ④ RS232 input/output interface | ⑩ Power switch |
| ⑤ HDMI (ARC) input interface | ⑪ OPS interface |
| ⑥ HDMI input interface | ⑫ Key |

Remark: Different models in the same series may have slightly different ports. The above pictures are subject to the actual product.

Installation and Connection

Control Buttons on the Front Panel



- 1.Signal reception window for the remote control and indicator light.
2. : press the key to enter the signal source selection menu, and to select the signal source; It is used to confirm the operation under the MENU operations.
3. : In the OSD menu, press the key to select an item.
4. : It is used to adjust the volume. In the OSD menu, press the key to adjust the value of the selected item.
5. : Press the key to enter the main menu, and it confirms the operation in the SOURCE menu.
6. : Press it to go to Standby mode.

Remark:When the product is different from the picture, the product prevails.

Remote Control

Install Batteries in the Remote Control:

Remove the battery compartment cover and follow the polarity marks “+” and “-” in the battery compartment to install two AAA batteries (No.7, 1.5V).

Precautions for Use of Remote Control:

- 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 normal operation.
- Protect the remote control from violent vibration. Besides, never set or place the remote control in direct sunlight because heat will result in deformation of the remote control.
- When the remote receiver on the main unit is subject to direct sunlight or strong light, it is possible that the remote control malfunctions. In such case, please change the angle of lighting or the machine, or operate the remote control close to the remote receiver.

Remote Control

•Low battery voltage will affect the remote control distance. Please replace the batteries with new ones. If the remote control is to be left unused for a long period or the batteries are depleted, please remove the batteries in order to avoid battery leakage which may corrode and damage the remote control.

● Never use batteries of different types or mix a new battery with a used one. Always replace batteries in pair.

● Never try to dispose of batteries in a fire or recharge or decompose batteries. Never 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, etc.



Keys on the Remote Control

Key	Description
	Switch between normal display & standby
	Eliminate the sound
Numeric keys	No function
F1	No function
	No function
SMARTS	No function
INFO	No function
SMARTP	No function
	No function
	Exit or return to the previous menu
16:9	No function
Arrow keys	Up/down key: select an item Right/left key: adjust the value
OK	Confirm the operation
VOL+/VOL-	Adjust the volume
MENU	Display the menu
SOURCE	Display the source menu
+/-	No function
COLOR	No function
P/N	No function
AUDIO	No function
Play(▶)	No function
Pause(⏸)	
Stop(■)	
Rotate(↻)	
Previous(⏮)	
Next(⏭)	
Rewind(⏮)	
Fast Forward(⏭)	

Remark:The buttons without screen printing have no function.The actual appearance of the remote control may be different from the picture,please be subject to the actual products.

Basic Operations

Power On/Standby

Insert the power plug into the power outlet. First turn on the On/Off button “①” on the product, if available; then press “⏻” on the remote control or control panel to turn on the product. In the absence of the On/Off button “①”, just press “⏻”.

In power-on state, press the “⏻” LCD monitor enters the standby; press and hold the switch to turn off or restart.

OSD Menu

The instructions in this section are illustrated with the LCD monitor in a common state. Operations in other states may vary slightly.

Press the "MENU" key on the remote control or the panel, and the main menu will appear, then:

- (1) Press the "◀/▶" key on the remote control to select an item in the OSD menu, including Source, Image, Sound, Network, Options, Time, and About menu.
- (2) Press the "▲/▼" key on the remote control to select an item in the OSD menu.
- (3) Press the "OK" key on the remote control.
- (4) Press the "◀/▶" key on the remote control to change the setting.
- (5) When the main menu is displayed on the screen, press the "Menu" key to exit the main menu.
- (6) Items in grey are not available in the current state.

Source setting

The Source menu has three submenus: Switch Source、Source Boot and Source jump.

- **Source Switch:** Select the source: HDMI1、HDMI2、OPS、TYPE-C、DP.
- **Source Boot:** Select the startup source and lock the startup source
- **Source jump:** Turn on and off the source jump function.

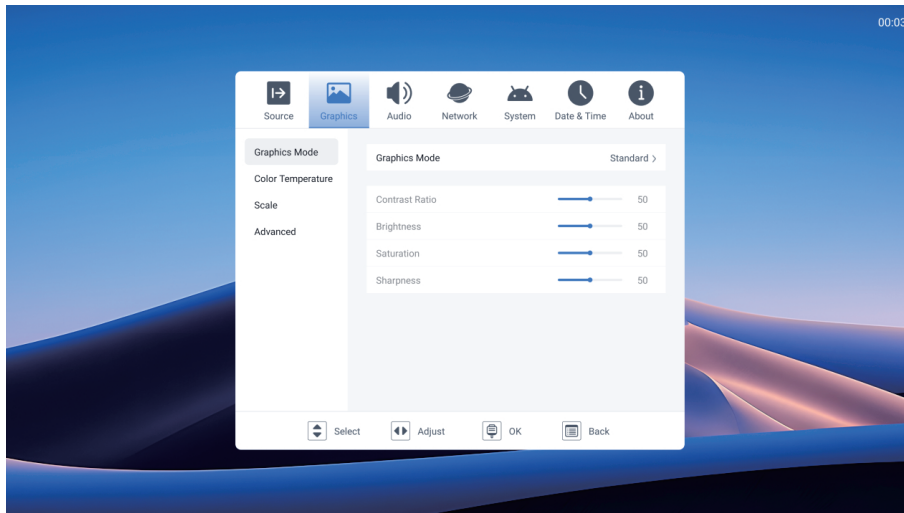


Basic Operations

Image setting

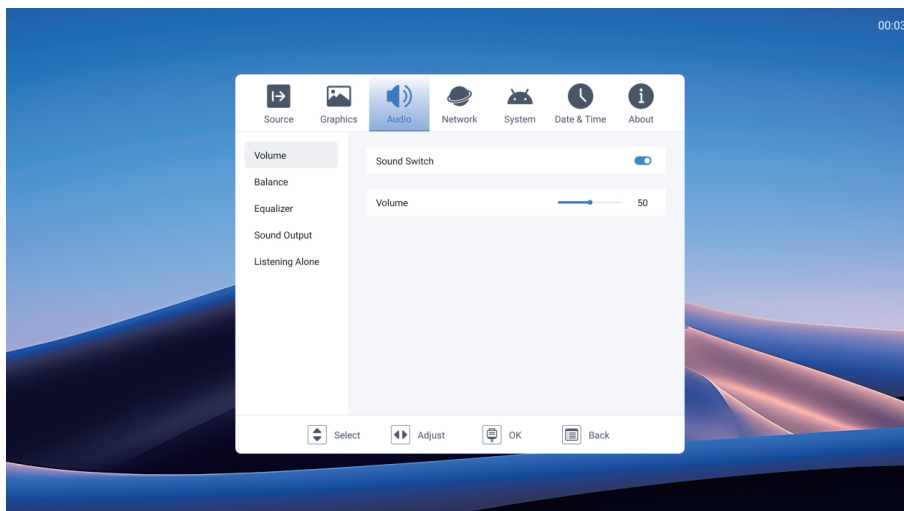
The Image menu has 4 submenus: Graphics Mode、Color Temperature、Scale、Advanced

- **Graphics Mode:** Select the image mode: Standard、Custom、Soft、Bright、Computer Mode.(The options may vary according to the signal source.)
- **Color Temperature:** Select the color temperature of the image:cold、warm、standard and Custom
- **Scale:** elect the aspect ratio:4:3 and 16:9
- **Advanced:** Adjust the display effect of the screen: backlight,color range,GAMMA,HDR and HDMI EDID.



Sound Setting

- **Volume:** Adjust the volume (0-100).
- **Balance:** Adjust the left and right channels .
- **Equalizer:** Adjust the treble and bass.
- **Sound Output:** Select the built-int device or external device to output sound.
- **Listen Alone:** Turn off the screen and play the audio only.



Basic Operations

Network Setting

The network menu has 3 submenus: Wireless, Ethernet and Hotspot.

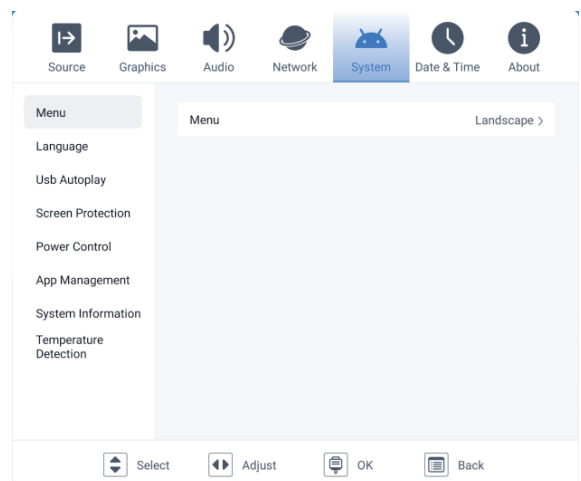
- **Wireless Network:** Insert the WiFi module, and then connect to WiFi hotspots.
- **Ethernet:** Connect a network cable and then configure the network connection to access the wired network.
- **Hotspot:** Use the monitor as a WiFi hotspot, then other devices can connect to the Internet through the hotspot



system settings

The system menu includes: Menu, Language, Usb Autoplay, Screen Protection, Power Control, App Management, System Information and Temperature Detection.
e warning; High: Automatically shut down

- **Language:** Set the system language.
- **Usb Autoplay:** Set the mode and duration for playback.
- **Screen Protection:** Set wallpaper and the screensaver time
- **Power Control:** Enable/Disable RS232, Wake On LAN, Automatic wake-up of access signal source and set the time period of automatic shutdown without signal
- **App Management:** Display application information.
- **system information:** Enable/Disable auto download and check update, set local update and restore factory setting
- **Temperature Detection:** The system will protect the device from excessive temperatures and trigger thermal protection features:
Low: Temperature warning; High: Automatically shut down

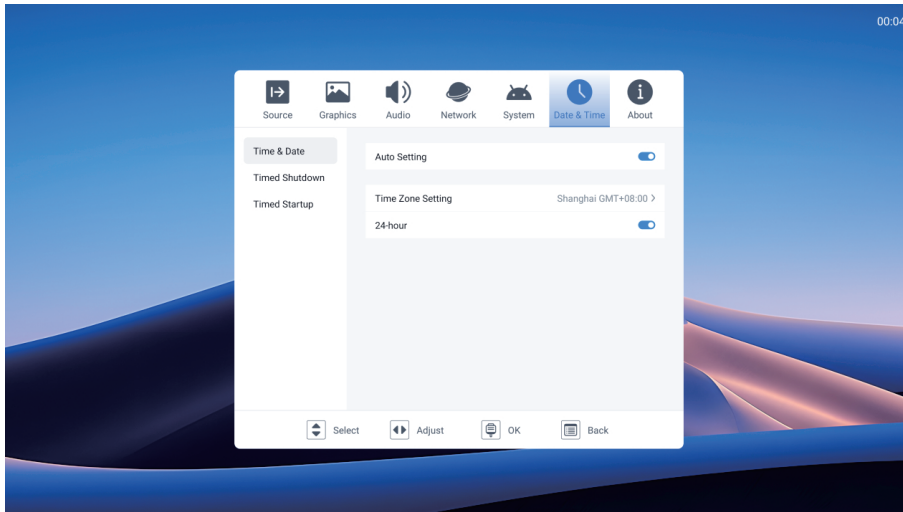


Basic Operations

Time settings

The Time menu has 3 submenus: Date & Time, Timed Shutdown and Timed Startup

- **Date & Time:** Set the system time.
- **Timed Shutdown:** Set the automatic shutdown time
- **Timed Startup:** Set the automatic power-on time



About menu

The About menu has 3 submenus: Source Information, Monitor Information and System Information.

- **Source Information:** Display the information of the current source.
- **Monitor Information:** Display the serial number and running time.
- **System Information:** Display the information of the current system.



Instructions

Basic Operation

1. Press the "◀/▶/▲/▼" keys to select an application;
2. Press the "OK" key to run the program;
3. Press the "↶↷" key to return to the previous interface.

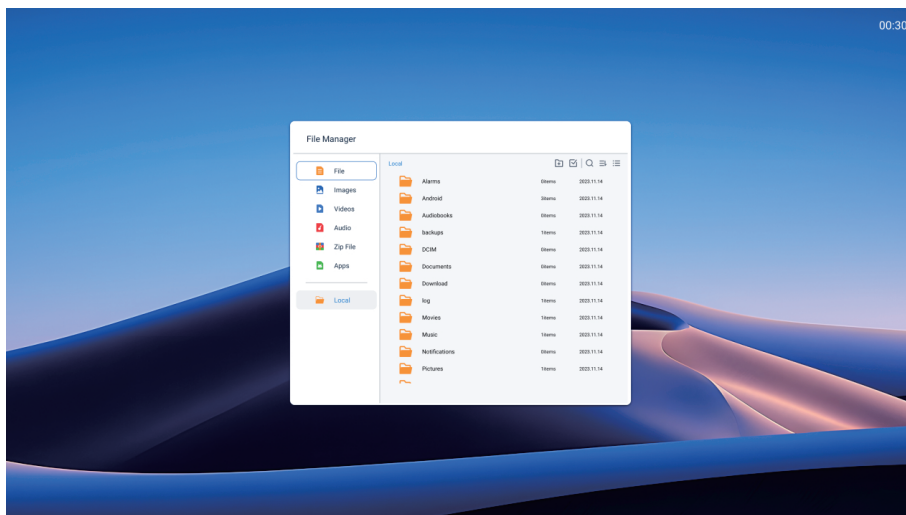
★ Tips

The operation in the intelligent mode is complicated. Users can install applications and the operation may vary depending on the applications. The operations described in this manual are for reference only. Some functions are not available through the remote control. Thus a mouse and keyboard with USB interface are recommended to have a better experience.

How to use the mouse: 1. Click: Click the left button and then release it immediately. (It has the same effect as pressing the "OK" button on the remote control.) 2. Long press: Press and hold the left button for more than 3s and then release it. 3. Click the left button on the mouse, and it has the same effect as pressing the "OK" key on the remote control. 4. Click the right button on the mouse, and it has the same effect as pressing the "↶↷" key on the remote control.

File Manager

The file manager helps you navigate through files and play music or videos in external devices such as USB flash drives. Connect an external device to the USB interface; then select "File" in the home screen to enter the file manager. Select the category on the left, and then the file on the right to play it.



Note:

- ① Some non-standard USB devices are not supported, thus standard ones are advised.
- ② The streaming media system has certain restrictions on the file format. Error will occur when playing files that do not meet these restrictions.
- ③ Please do not plug or unplug the USB device during playback, as this may cause system or device error.
- ④ USB flash drives and mobile hard disk drives complying with USB2.0 and USB3.0 protocols are supported.
- ⑤ The max output current of the USB interface is 900mA. An external power supply is recommended for devices requiring larger current.
- ⑥ When reading or playing files, the screen may freeze and some function may not work due to compatibility or stability of the USB device. If this occurs, please restart it.

Important Statement on Network Service

All contents and services obtained from the product are owned by third parties and protected by copyright, patent, trademark and/or other intellectual property laws. These contents and services are only for your personal non-commercial purposes, which shall not be used in a way not authorized by the content owner or service provider.

Under no circumstance shall our Company be liable for any direct, indirect or unexpected losses or damages arising from your or any third party's access to any contents or services or any information or third-party software through this product.

Third-party services may be subject to change, removal or discontinuation without prior notice. Our Company does not represent or warrant that some services or contents will remain accessible at any time.

Our Company will not be responsible for any service related to these contents and services, or assume any liability for customer service. For any question or service request about these contents and services, please directly contact your content or service provider.

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
OPS can't be turned on no display	OPS has no fixed well	Reinstall the OPS computer



The terms HDMI, HDMI High-Definition Multimedia Interface, HDMI Trade dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.

This Manual is provided for reference only. The functions of the actual product are subject to change without further notice.

