



# Monitor User Manual

## Commercial LCD user manual

操作前请先阅读此说明书

Read this manual before operation

(Keep for later)

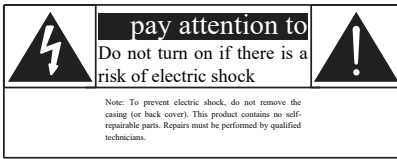
**Great Wall**

# Safety Instructions

Warning

## and Preventive Measures

Please note the following safety warning signs



Note: To prevent electric shock, do not remove the casing (or back cover). This product contains no self-repairable parts. Repairs must be performed by qualified technicians.



This symbol indicates high voltage inside. Contact with any part of this product is dangerous.



This icon reminds you that this product comes with important operation and maintenance instructions.

pay attention to : To prevent electric shock, fully insert the plug in the correct direction.

Insert the socket.

To prevent fire or electric shock hazard caused by damage, do not let the product be exposed to rain or moisture.

The power socket should be installed near this product and should be easy to use.



When connecting to and using public information displays, please read and follow the instructions below:

- Unplug the monitor if it has not been used for a long time.
- To clean the display with a micro-wipe cloth, unplug it first. Dry the screen with a dry cloth only after turning off the power, but avoid using alcohol, solvents, or ammonia-based liquids.
- If your display still does not work properly after following the instructions in this manual, contact the maintenance technician.
- The cover must be opened only by qualified maintenance personnel.
- Avoid direct sunlight on the display and keep it away from fire or other heat sources.
- Remove any items that may fall into the ventilation hole or hinder the heat dissipation of the display electronics.
- Do not block the ventilation holes on the cabinet.
- Keep the display dry. Do not place this product in a damp environment or in the rain to avoid electric shock.
- If you power off the device by unplugging the power cord directly, wait 6 seconds before plugging it back in to ensure proper operation.
- To avoid electric shock and permanent damage, do not place the product in excessively humid environments or in the rain.
- When placing the monitor, ensure the power plug and socket are easily accessible.

### Important Security Instructions

1. Read these instructions.
2. Save these instructions.
3. Pay attention to all warning texts.
4. Follow all instructions.
5. Do not use this product near water.
6. Clean only with a dry cloth.
7. Do not block any vents. Install according to manufacturer's instructions.
8. Do not install near a heat source, such as a heater, air conditioner, stove, or other high-temperature products (including loudspeakers).
9. Never violate safety guidelines for polarized or grounded plugs. Polarized plugs feature two prongs, one wider than the other. Grounded plugs have an additional grounding terminal beyond the prongs. The wider prong or grounding terminal ensures your safety. If the included plug won't fit into your outlet, consult an electrician to replace the outdated socket.
10. Protect power cords from stepping or squeezing, especially plugs, power outlets, and connections between power cords and products.
11. Only manufacturer-specified accessories are allowed.
12. Only use the manufacturer's designated or included stroller, base, tripod, stand, or table. Exercise caution when moving products with the stroller to prevent injuries from tipping over.
13. Unplug the product if it is exposed to lightning or unused for a long time.
14. All maintenance services must be handled by qualified personnel. If this product is damaged (e.g., power cord or plug damage)  
  
Damage, liquid splashing, items falling into the product, rain or moisture, failure to operate normally or falling, etc., must be repaired.

Warning: To reduce the risk of fire or electric shock, do not let the product be exposed to rain or moisture.

Warning: Do not place this product in a dripping or splashing environment, and do not place a liquid container (such as a vase) on the product.

Warning: Do not expose the battery (installed battery) to overheating temperatures, such as sunlight or flames.

warn : Power plug or electrical coupler as a power-off device  
When in use, the power-off device should be kept in an operational state at all times.

warn : To avoid the influence of heat sources, please use this product exclusively.

Keep away from candles or other open flames.



Warning: To prevent personal injury, this product should be installed on the floor or wall according to the installation instructions.

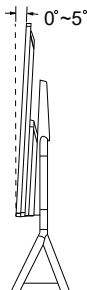
pay attention to : These maintenance instructions are for qualified maintenance personnel only  
To minimize electric shock risks, all maintenance tasks beyond operational guidelines must be performed by qualified personnel.

pay attention to : If the earphone or earbud has too high sound pressure, it may cause hearing  
The sound is damaged. When the equalizer is set to the highest level, the output voltage and sound pressure level of the earphones and earbuds will increase. To protect your hearing, adjust the equalizer to a suitable level.

Warning: Do not bring a whiteboard pen close to electronic medical devices or people carrying medical devices such as pacemakers.

### friendly reminder

1. If you notice stains on the glass surface during use, you can clean it by first wiping with a damp cloth (avoid dripping water) and then drying it with a dry towel (or paper towel).
2. The forward tilt of this product will affect the touch effect. The recommended installation Angle is backward  $0^{\circ}$  to  $5^{\circ}$ .



### Disposal of products after the expiration of their service life

Your new public information display contains recyclable and reusable materials. There are specialized companies that recycle this product and use the reusable materials to reduce the amount of waste discarded.

Consult your local dealer about the local laws and regulations on how to dispose of your old monitor.

Explanatory note to the Regulations on the Recycling and Treatment of Waste Electrical and Electronic Products

To better care for and protect the planet, when users no longer need this product or its service life ends, please comply with national laws and regulations on the recycling and disposal of waste electrical and electronic products, and hand it over to a local manufacturer with national certification for recycling and disposal. Improper use or disposal may affect the environment and human health.

warn

This is a Class A product. In a living environment, this product may cause radio interference. In this case, the user may need to take practical measures to deal with the interference.



The electronic and electrical products contain some harmful substances, which can be used safely during the environmental protection period, and should be recycled after the environmental protection period.

China RoHS Conformity Assessment System Mark



Chinese mainland RoHS

According to the "Administrative Measures for the Restriction of the Use of Harmful Substances in Electrical and Electronic Products" of the Chinese mainland, the following part lists the names and contents of the harmful substances that may be contained in this product.

| Component Name                                                                                                                                                                                                                                                   | Hazardous material |              |              |                              |                                 |                                       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------|--------------|------------------------------|---------------------------------|---------------------------------------|
|                                                                                                                                                                                                                                                                  | Lead (Pb)          | Mercury (Hg) | Cadmium (Cd) | Hexavalent chromium (Cr(VI)) | Polychlorinated biphenyls (PBB) | Polybrominated diphenyl ethers (PBDE) |
| Outline board                                                                                                                                                                                                                                                    | ○                  | ○            | ○            | ○                            | ○                               | ○                                     |
| Back cover                                                                                                                                                                                                                                                       | ○                  | ○            | ○            | ○                            | ○                               | ○                                     |
| LCD panel                                                                                                                                                                                                                                                        | ×                  | ○            | ○            | ○                            | ○                               | ○                                     |
| PCB component                                                                                                                                                                                                                                                    | ×                  | ○            | ○            | ○                            | ○                               | ○                                     |
| Power line                                                                                                                                                                                                                                                       | ×                  | ○            | ○            | ○                            | ○                               | ○                                     |
| Other wires                                                                                                                                                                                                                                                      | ×                  | ○            | ○            | ○                            | ○                               | ○                                     |
| Telecontroller                                                                                                                                                                                                                                                   | ×                  | ○            | ○            | ○                            | ○                               | ○                                     |
| *: The circuit board assembly includes the printed circuit board and its components, such as resistors, capacitors, integrated circuits, connectors, etc.                                                                                                        |                    |              |              |                              |                                 |                                       |
| This table is prepared in accordance with the provisions of SJ/T 11364.                                                                                                                                                                                          |                    |              |              |                              |                                 |                                       |
| ○: indicates that the content of the harmful substance in all homogeneous materials of the component is below the limit specified in GB/T 26572.                                                                                                                 |                    |              |              |                              |                                 |                                       |
| ×: indicates that the content of the harmful substance in at least one homogeneous material of the component exceeds the limit specified in GB/T 26572.                                                                                                          |                    |              |              |                              |                                 |                                       |
| In the components marked with '×' in the table above, the content of some harmful substances exceeds the limit requirements specified in GB/T 26572 according to functional requirements, but meets the requirements of EU RoHS regulations (which is exempted). |                    |              |              |                              |                                 |                                       |

**Catalogue**

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This manual is for reference only. Please refer to the actual machine.

## **1. Unbox and Install**

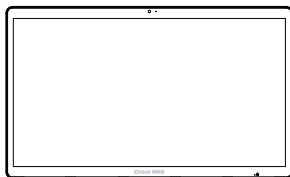
### **1.1. Unpack**

- The product comes in a carton and comes with standard accessories.
- Any other options are packaged separately.
- After opening the carton, please check that all items are complete and undamaged.

### **1.2. Items in the Box**

Please confirm that the following items are included in the packing box:

- indicator
- warranty card
- adapter



indicator



warranty card



adapter

pay attention to :

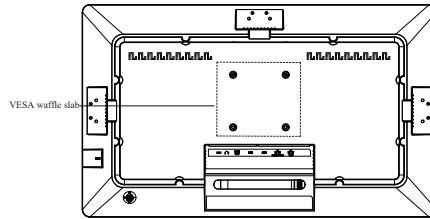
- You can keep the packaging box and packaging materials for later display transportation.

### **1.3. Installation Notes**

- This product should be installed on a flat surface to avoid tipping over. There should be a certain distance between the back of the product and the wall to maintain proper ventilation. Avoid installing the product in the kitchen, bathroom or any other high humidity place to avoid shortening the service life of the electronic components.
- This product works properly only at altitudes below 3000 meters. If the installation site is above 3000 meters, some abnormal conditions may occur.

**1.4. Hang on the Wall**

To mount this display on the wall, we recommend using the standard wall mounting kit. We recommend using assembly boards that meet **TUV-GS** and / or **UL1678** standards.



1. Make sure you have all the accessories needed to install this monitor (wall mount, ceiling mount, desktop base, etc.).
2. Follow the instructions provided with the base assembly components. Failure to follow proper assembly procedures may result in equipment damage or injuries to users or installers. Product warranty does not cover damage caused by improper installation.
3. For wall-mounted kits, use M4\* (8+X) assembly screws (X=WALL MOUNT BKT THICKNESS) and tighten them.

### 1.4.1. VESA Grid Panel

|       |                  |
|-------|------------------|
| 22ES2 | 75(H) x 75(V) mm |
|-------|------------------|

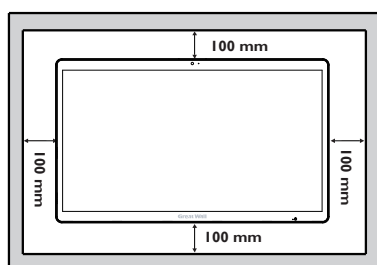
take care :

Prevent the monitor from falling:

- For wall-mounted or ceiling installations, we recommend using commercially available metal mounting brackets to install the display. For detailed installation instructions, please refer to the bracket's accompanying guide.
- To reduce the possibility of the display falling during an earthquake or other natural disaster and causing injuries and property damage, consult the mounting frame manufacturer to confirm the installation location.

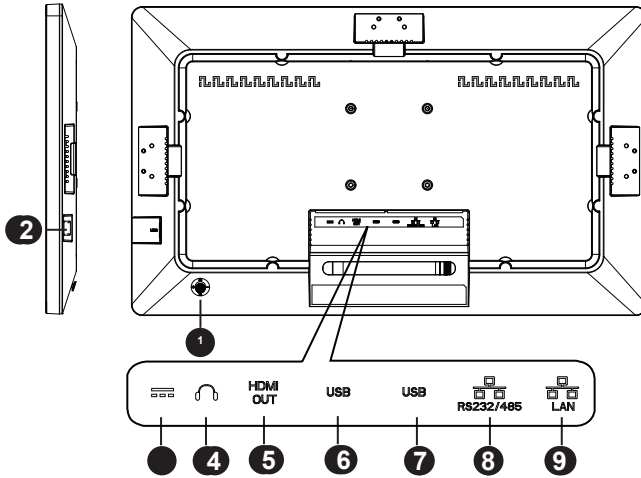
Ventilation requirements for enclosed spaces

Leave enough space between the items and the surrounding items for normal heat dissipation, as shown in the figure below.

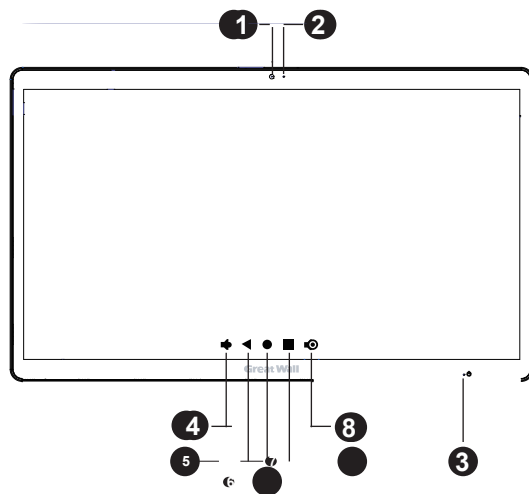


**2. Components and Functions**

**2.1. Input/output terminals**



- 1** Five remote sensing buttons  
Power off: Short press to turn on; Power on: Short press to turn off; Long press: Power off  
Right: Volume up; Left: Volume down; Up: Home; Down: Back.
- 2** **USB 2.0 Port**  
Connect a USB storage device.
- 3** **DC power input**  
From the adapter DC power input.
- 4** **Headphone jack**  
Insert the earphones into the jack.
- 5** **HDMI OUT**  
HDMI video/audio output.
- 6** **USB 3.0 Port**  
Connect a USB storage device.
- 7** **USB 2.0 Port**  
Connect a USB storage device.
- 8** **RS232C/485 Serial Port**  
RS232C network input/output for loopback function.
- 9** **RJ-45**  
Ethernet network interface.

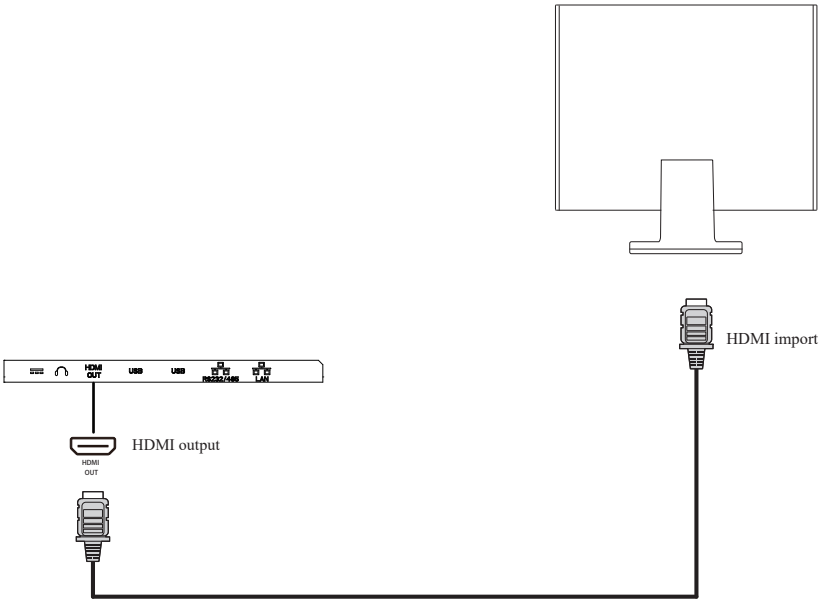


- 1** camera
- 2** Camera indicator light
- 3** power light
- 4** Volume -
- 5** return
- 6** HOME
- 7** screen capture
- 8** volume +

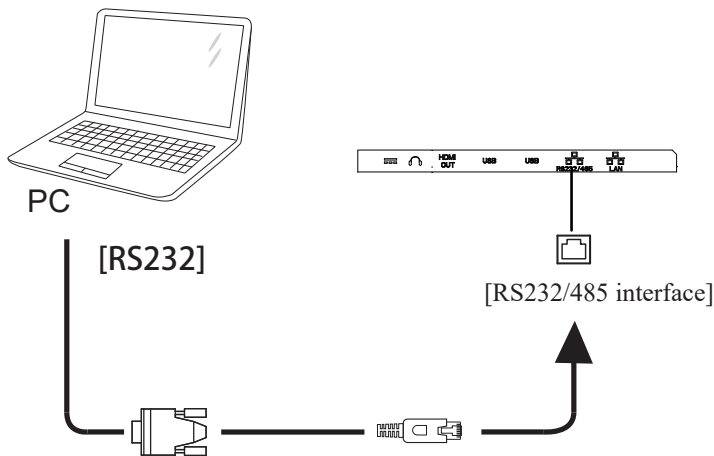
**3. Connect External Devices**

**3.1. Connect to external device**

**3.1.1. Use HDMI video input**



3.2. Display monitor connection



RS232/485 interface definition

|     |            |                                                                                                     |
|-----|------------|-----------------------------------------------------------------------------------------------------|
| 1-2 | VCC output | Default 12V output without current limit, 1A current limit with self-resetting fuse, optional 5V/1A |
| 3   | RS232-TX1  | RS232-TX1                                                                                           |
| 6   | RS232-RX1  | RS232-RX1                                                                                           |
| 4-5 | GND        | GND                                                                                                 |
| 7   | RS485-A+   | RS485-A+                                                                                            |
| 8   | RS485-B-   | RS485-B-                                                                                            |

Note: Set the 12V output in Settings> Display> Advanced> Output 12V Enable.

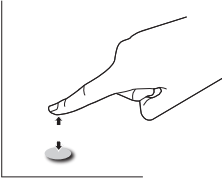
## **4. Touch Controls**

This display has a touch screen that supports Windows touch functionality for single and multi-touch operations. You can tap pictures or words on the display with your finger and the computer will respond.

Here are some common touch controls. For details on how to use touch controls, see the Windows instructions.

### **click**

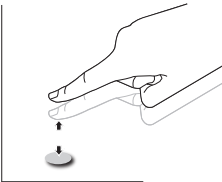
Tap the target on the screen with one finger and then move it away.



Note that the touch screen responds to a light touch of the fingertip within 2mm of the touch screen.

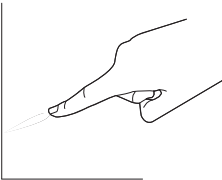
### **double click**

Tap the target on the screen twice with one finger, then move it away.



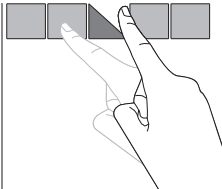
### **drag**

Press and hold an object on the screen with one finger, then drag it while keeping it in direct contact, and then release.



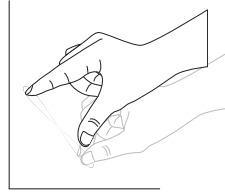
### **slither**

Tap the target on the screen with one finger and swipe quickly across the surface.



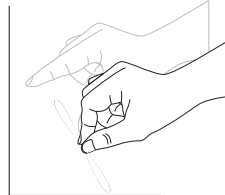
### **amplify**

Pinch two fingers together, press the target on the screen, and separate the two fingers to zoom in on the image.



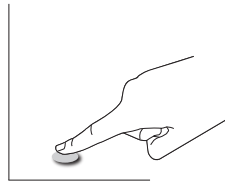
### **reduce**

To zoom in, spread your fingers, press the target on the screen, and bring them together.



### **press on**

Touch and hold the target on the screen with one finger for a while to display the associated menu or options page for the item.



### **pay attention to :**

Keep your fingers at least 25mm apart when touching the screen. Too close may cause interference.

## 5. USB Device Compatibility

## USB multimedia codec format

| Video decoding    |                  |             |                                                              |                                  |
|-------------------|------------------|-------------|--------------------------------------------------------------|----------------------------------|
| Video format      | Maximum bit-rate | Frame rate  | Resolution ratio                                             | Common formats                   |
| <b>MPEG-1/2</b>   | 80Mbps           | 30fps       | 1920x1088 pixels                                             | DAT, MPG, VOB, TS                |
| <b>MPEG-4</b>     | 38.4Mbps         | 30fps       | 1920x1088 pixels                                             | AVI, MKV, MP4, MOV, 3GP          |
| <b>H.264/AVC</b>  | 80Mbps           | 2304p@30fps | 4096x2304 pixels                                             | AVI, MKV, MP4, MOV, 3GP, TS, FLV |
| <b>MVC</b>        | 100Mbps          | 2304p@60fps | 4096x2304 pixels                                             | MKV, TS                          |
| <b>H.265/HEVC</b> | 100Mbps          | 2304p@60fps | 4096x2304 pixels                                             | MKV, MP4, MOV, TS                |
| <b>GOOGLE VP8</b> | 38.4 Mbps        | 30fps       | 1920x1088 pixels                                             | WEBM,MKV                         |
| <b>GOOGLE VP9</b> | 80 Mbps          | 60fps       | 4096x2304 pixels                                             | WEBM,MKV                         |
| <b>H.263</b>      | 38.4Mbps         | 30fps       | SQCIF(128x96), QCIF( 176x144), CIF (352x288),4CIF (704x 576) | 3GP, MOV, MP4                    |
| <b>VC-1</b>       | 45Mbps           | 30fps       | 1920x1088 pixels                                             | WMV, ASF, TS, MKV, AVI           |

| Audio decoding               |               |                                                                |                                |
|------------------------------|---------------|----------------------------------------------------------------|--------------------------------|
| Audio format                 | Sampling rate | Code check                                                     | Common formats                 |
| MPEG1/2/2.5 Audio Layer1/2/3 | 8KHZ~48KHZ    | 8kbps~320Kbps                                                  | MP1, MP2, MP3                  |
| <b>Windows Media Audio</b>   | 8KHZ~48KHZ    | 8kbps~320Kbps                                                  | WMA                            |
| <b>WAV Audio</b>             | 8KHZ~48KHZ    | 8kbps~320Kbps                                                  | WAV                            |
| <b>OGG Audio</b>             | 8KHZ~48KHZ    | 8kbps~320Kbps                                                  | OGG, OGA                       |
| <b>FLAC Audio</b>            | 8KHZ~48KHZ    | 8kbps~320Kbps                                                  | FLAC                           |
| <b>AAC Audio</b>             | 8KHZ~48KHZ    | 8kbps~320Kbps                                                  | AAC, M4A                       |
| <b>AMR Audio</b>             | 8KHZ, 16KHz   | AMR-NB<br>4.75~12.2kbps@8kHz<br>AMR-WB<br>6.60~23.85kbps@16kHz | 3GP                            |
| <b>MIDI Audio</b>            | 8KHZ, 16KHz   | 8kbps~320Kbps                                                  | XMF, MXMF, RTTTL, RTX, OTA,IMY |

**ESOP 22ES2 Series**

|                  |                                       |             |                |
|------------------|---------------------------------------|-------------|----------------|
| picture decoding |                                       |             |                |
| Image Format     | resolution ratio                      | code check  | Common formats |
| <b>JPEG</b>      | 48x48 pixels to 65536<br>x65536pixels | 1080p@80fps | JPG, JPEG      |

text : TXT

pay attention to :

- If the content's standard bit rate / frame rate exceeds the compatible frame rates listed in the table above, audio or video may not work.
- Video content with a bit rate or frame rate higher than the rates specified in the table above may cause the video to play incoherently.

## 6. Clean and Troubleshoot

### 6.1. Cleaning

Things to keep in mind when using a monitor

- Keep your hands, face, or other objects away from the monitor's vents. The top of the monitor is often very hot due to the high-temperature gas that escapes through the vents. If any part of your body is too close to this area, it may cause burns. Placing objects on the monitor's top may also damage the object or the monitor itself due to the high temperature.
- Disconnect all cables before moving the monitor. Moving the monitor with cables connected may damage the cables and cause fire or electric shock.
- For safety, unplug the wall socket before any type of cleaning or maintenance.

Front panel cleaning instructions

- The front of the display has been specially treated. Please only use a clean cloth or soft, non-shedding cloth to gently wipe the surface.
- If the surface gets dirty, soak a soft, non-shedding cloth in mild detergent. Then wring out the cloth. Wipe the display surface with the cloth to remove stains. Then dry it with the same type of dry cloth.
- Do not scratch or tap the panel surface with your fingers or any hard object.
- Do not use volatile substances such as sprays, solvents and diluents.

Case Cleaning Instructions

- If the case is dirty, wipe it with a soft dry cloth.
- If the casing is very dirty, soak a non-stick cloth in mild detergent. wring out the cloth as much as possible. Wipe the casing, then dry it with another dry cloth.
- Do not let any water or cleaning agents touch the display surface. If water or moisture enters the device, it may cause operational problems and electric shock hazard.
- Do not scratch or tap the housing with your fingers or any hard object.
- Do not use volatile substances such as sprays, solvents and diluents on the housing.
- Do not keep any plastic or PVC products near the housing for a long time.

**6.2. Debugging**

| Phenomenon                                                                                                                                                                                         | Probable cause                                                                                                                                                                                                                                                    | Resolvent                                                                                                                                                                                                                                                                                                                                                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| No screen                                                                                                                                                                                          | <ol style="list-style-type: none"> <li>1. The power cable is disconnected.</li> <li>2. The main power switch on the back of the monitor is not turned on.</li> <li>3. The selected input is not connected.</li> <li>4. The display is in standby mode.</li> </ol> | <ol style="list-style-type: none"> <li>1. Plug in the power cord.</li> <li>2. Ensure the power switch is on.</li> <li>3. Connect the signal to the display.</li> </ol>                                                                                                                                                                                                                       |
| Interference or noise on the display                                                                                                                                                               | Caused by surrounding electrical equipment or fluorescent lamps.                                                                                                                                                                                                  | Move the display to another location to see if the interference can be reduced.                                                                                                                                                                                                                                                                                                              |
| The color is not normal                                                                                                                                                                            | The signal line is not connected correctly.                                                                                                                                                                                                                       | Ensure the signal line is securely connected to the back of the monitor.                                                                                                                                                                                                                                                                                                                     |
| Distorted image with abnormal patterns                                                                                                                                                             | <ol style="list-style-type: none"> <li>1. The signal line is not connected correctly.</li> <li>2. The input signal exceeds the display capability.</li> </ol>                                                                                                     | <ol style="list-style-type: none"> <li>1. Ensure the signal line connection is secure.</li> <li>2. Check the video signal source to see if it is out of display range. Check its specifications against the display's technical specifications section.</li> </ol>                                                                                                                           |
| Sound is available, but no video                                                                                                                                                                   | The source signal line is not connected correctly.                                                                                                                                                                                                                | Make sure both video and audio inputs are connected correctly.                                                                                                                                                                                                                                                                                                                               |
| You can see but you can't hear                                                                                                                                                                     | <ol style="list-style-type: none"> <li>1. The source signal line is not connected correctly.</li> <li>2. Volume is set to minimum.</li> <li>3. {Mute} is on.</li> <li>4. No external speaker connected.</li> </ol>                                                | <ol style="list-style-type: none"> <li>1. Make sure both video and audio inputs are connected correctly.</li> <li>2. Use [ + ] or [ — ] Use the volume buttons.</li> <li>3. Use [  ] Button to turn off mute.</li> <li>4. Connect an external speaker and adjust the volume to a suitable level.</li> </ol> |
| Some visual elements are not bright                                                                                                                                                                | Some pixels on the screen may not be active.                                                                                                                                                                                                                      | This display uses very high precision technology in the manufacturing process, but sometimes some pixels on the display may not display. This is not a fault.                                                                                                                                                                                                                                |
| After the display power is cut off, the screen still shows residual images. (Still image Examples include: logos, video tours Drama, computer graphics, and images displayed in 4:3 standard mode) | The still image is displayed for too long                                                                                                                                                                                                                         | Do not allow the still image to display for too long, otherwise permanent image residue will appear on the display.                                                                                                                                                                                                                                                                          |

7. Technical Specifications

indicator :

| Project                      | Specifications                |                               |                               |
|------------------------------|-------------------------------|-------------------------------|-------------------------------|
|                              | 22ES2C                        | 22ES2T                        | 22ES2                         |
| Screen size (effective area) | 478.656 (H) * 260.28 (V)      | 478.656 (H) * 260.28 (V)      | 478.656 (H) * 260.28 (V)      |
| Aspect ratio                 | 16:9                          | 16:9                          | 16:9                          |
| Pixel count                  | 1920 (H) x 1080 (V)           | 1920 (H) x 1080 (V)           | 1920 (H) x 1080 (V)           |
| Dot pitch                    | 0.249 (H) x 0.241 (V)<br>[mm] | 0.249 (H) x 0.241 (V)<br>[mm] | 0.249 (H) x 0.241 (V)<br>[mm] |
| Can display colors           | 16.7M (8bit)                  | 16.7M (8Bit)                  | 16.7M (8Bit)                  |
| Brightness (typical)         | 200 cd/m <sup>2</sup> (Min)   | 200 cd/m <sup>2</sup> (Min)   | 200 cd/m <sup>2</sup> (Min)   |
| Contrast (typical)           | 3000:1                        | 3000:1                        | 3000:1                        |
| Angle of view                | 178 linear<br>measure         | 178 linear<br>measure         | 178 linear<br>measure         |

same as :

| Project                                   | Specifications     |                    |                    |
|-------------------------------------------|--------------------|--------------------|--------------------|
|                                           | 22ES2C             | 22ES2T             | 22ES2              |
| Built-in memory                           | 16GB eMMC          | 16GB eMMC          | 16GB eMMC          |
| Source                                    | 12V--2.5A          | 12V--2.5A          | 12V--2.5A          |
| Power consumption (typical)               | 22.5W              | 22.5W              | 22.5W              |
| Power consumption (standby and off)       | <0.5 W             | <0.5 W             | <0.5 W             |
| Physical dimensions (excluding packaging) | 505.9x304.1x29.8mm | 505.9x304.1x29.8mm | 505.9x304.1x29.8mm |
| External dimensions (including packaging) | 590 x 375 x 110mm  | 590 x 375 x 110mm  | 590 x 375 x 110mm  |

ambient condition :

| Project         |                          | Specifications                |
|-----------------|--------------------------|-------------------------------|
| temperature     | Move                     | 0 ~ 40°C                      |
|                 | Leave with               | -20 ~ 60°C                    |
| Humidity        | Move                     | 20 ~ 80% RH (no condensation) |
|                 | Leave with               | 10 ~ 90% RH (no condensation) |
| Above sea level | Move                     | 0 ~ 3,000 m                   |
|                 | Storage / Transportation | 0 ~ 9,000 m                   |

Built-in speakers:

| Project            | Specifications  |
|--------------------|-----------------|
| Number of speakers | 2               |
| Import             | 2W X 2          |
| Impedance          | 4 Ω             |
| Frequency response | 160 Hz ~ 13 KHz |

**FCC Caution:**

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

**NOTE:**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**FCC Radiation Exposure Statement:**

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm separation between antenna and body.

# Great Wall

Service hotline: 4008-878-007  
service phone: 4008-878-007

Manufacturer name: Wuhan Edmond Technology Co., LTD

Manufacturer address: Wuhan Caidian District Caidian Economic Development Zone No.8

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