



# LCD Display

User Manual

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## Preface

### Applicable Models

This manual is applicable to the LCD display.

### Symbol Conventions

The symbols that may be found in this document are defined as follows.

Symbol	Description
 <b>Danger</b>	Indicates a hazardous situation which, if not avoided, will or could result in death or serious injury.
 <b>Caution</b>	Indicates a potentially hazardous situation which, if not avoided, could result in equipment damage, data loss, performance degradation, or unexpected results.
 <b>Note</b>	Provides additional information to emphasize or supplement important points of the main text.

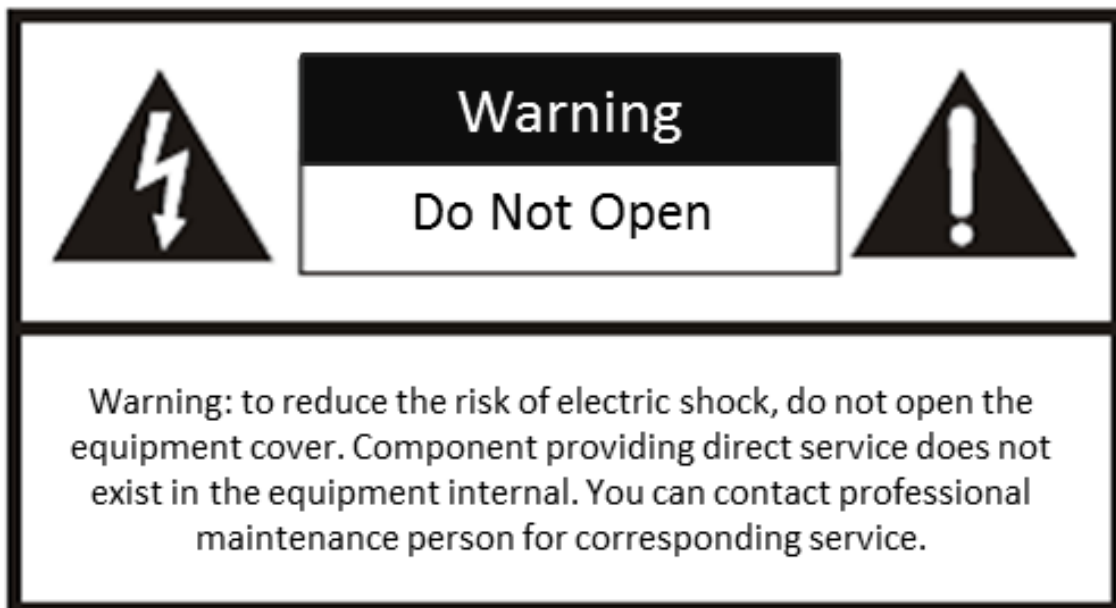
## Safety Instructions

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### Warning

- In the use of the product, you must be in strict compliance with the electrical safety regulations of the nation and region.
- CAUTION: To reduce the risk of fire, replace only with the same type and rating of fuse.
- The equipment must be connected to an earthed mains socket-outlet.
- An all-pole mains switch shall be incorporated in the electrical installation of the building.
- CAUTION: This equipment is for use only with specified brackets. Use with other (carts, stands, or carriers) may result in instability causing injury.
- Do not ingest battery. Chemical burn hazard!
- This product contains a coin/button cell battery. If the coin/button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death.
- Keep new and used batteries away from children.
- If the battery compartment does not close securely, stop using the product and keep it away from children.
- If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.
- CAUTION: Risk of explosion if the battery is replaced by an incorrect type.


- Improper replacement of the battery with an incorrect type may defeat a safeguard (for example, in the case of some lithium battery types).
  - Do not dispose of the battery into fire or a hot oven, or mechanically crush or cut the battery, which may result in an explosion.
  - Do not leave the battery in an extremely high temperature surrounding environment, which may result in an explosion or the leakage of flammable liquid or gas.
  - Do not subject the battery to extremely low air pressure, which may result in an explosion or the leakage of flammable liquid or gas.
  - Dispose of used batteries according to the instructions.
  - To reduce the risk of fire or electric shock, please do not expose the device to rain or humid environment.
  - Electric discharge may last for a short period of time after the power is shut down. Please wait two minutes after the power is shut down before operating the device.
  - To avoid the risk of electric shock, please do not operate when the power is on.
  - To avoid the risk of fire or electric shock, please do not use overloaded AC power socket or extend the power cords.
  - Inserting objects into vents or openings of the product is forbidden, as there exists high voltage and current in the product. Inserting objects will lead to electric shock or short circuit of internal parts. To avoid the risk of fire or electric shock, please keep water or other liquids away from LCD display, and please do not let objects such as paper clips or pins fall into the LCD display.
- 



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### **Caution**

- The LCD display is designed in accordance with international standards. However, improper use can also lead to electric shock and fire, causing personal injury and property loss. In order to prevent potential hazards, ensure your safety and extend the service life of the product, please read and comply with the instructions carefully when installing, using and cleaning the product.

- The product instructions must be properly preserved for future reference.
- Install the equipment according to the instructions in this manual.
- To prevent injury, this equipment must be securely attached to the bracket in accordance with the installation instructions.
- The equipment shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the equipment.
- Ensure correct wiring of the terminals for connection to an AC mains supply.
- The equipment has been designed, when required, modified for connection to an IT power distribution system.
-  identifies the battery holder itself and identifies the positioning of the cell(s) inside the battery holder.
- + identifies the positive terminal(s) of equipment which is used with, or generates direct current.
- - identifies the negative terminal(s) of equipment which is used with, or generates direct current.
- No naked flame sources, such as lighted candles, should be placed on the equipment.
- The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, table-cloths, curtains, etc. The openings shall never be blocked by placing the equipment on a bed, sofa, rug or other similar surface.
- Keep a minimum 8 mm distance around the equipment for sufficient ventilation.
- The USB port of the equipment is used for connecting to a mouse, a keyboard, or a USB flash drive only.
- Keep vertical when moving or using the equipment.
- Please put the device in a ventilated and dry place without strong vibration while working.
- Do not expose the product to humidity, rain, sand, sun or other places with high temperature for storage and usage.
- Do not use parts recommended by non-manufacturer and inappropriate use of parts can lead to accidents.
- Please do not plug and unplug the power cord frequently when the power is on.
- Do not use the power cords of other devices. Replace with the power cords with the same specifications from regular channels only.
- Please lay the power cord correctly to prevent from trampling or placing articles on it.
- Use standard 220 VAC power.
- Power consumption of the device depends on the type of product. When the device is not used for a long time, please turn off the power and unplug the power cords.
- If any of the following occurs, please unplug the power cords, and contact the service center.
  - The power cord or plug is damaged.
  - Liquid splashes on the product or an object falls into the product.
  - The product is exposed to rain or water.
  - The product is not properly operated according to the user manual. Do not adjust the control parts beyond the user manual. The inappropriate control of parts which are not described in the user manual will lead to the damage of the product, and will bring a lot of adjustment work to the technical personnel.
  - The product falls down or damages.
  - The product runs abnormally.

- When replacing the parts of the product, please ensure that maintenance personnel use the parts designated by the manufacturer or the parts with the same performance as the original parts, so as to avoid fire, electric shock or other damage caused by the use of unauthorized parts.
  - After completing service or maintenance, maintenance technicians are required to perform safety checks to ensure stable operation of the product.
  - When installing the product on walls or ceilings, ensure that the product is installed in compliance with the method recommended by the manufacturer.
  - Please keep the product away from heat source, including radiators, heaters, stoves and other heating products.
  - Using the product in situations with fatal dangers such as death, injury and serious personal injury is forbidden.
-

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# Chapter 1 Overview

## 1.1 Introduction

The LCD display uses industrial ultra-narrow bezel and direct-lit LED backlighting. It features ultra-high brightness, uniform brightness, no boundary shadow, long lifespan and so on. The built-in splicing controller helps realize the self-splicing of screens from the same source signals. The LCD display has abundant interfaces to receive DVI, VGA, HDMI and other signal sources, and supports a variety of control methods.

## 1.2 Key Features


- Direct-lit LED backlight with uniform brightness.
- Ultra-high resolution, 178° viewing angle.
- Ultra narrow bezel design.
- Factory calibration for color uniformity.
- Anti-glare, high definition, high brightness, high color gamut, and vivid images with rich colors.
- Stable and 24-hour continuous working.
- Metal casing for preventing from radiation and magnetic & electric field interference.
- Wall-mount and modular brackets available to meet various installation requirements.
- Screen control by the client.

## Chapter 2 Remote Control

### 2.1 Remote Control Functions

The following table describes the functions of the remote control.

**Table 2-1 Remote Control Functions**

Appearance	Key	Functions
	INFO	View system information.
	POWER	Power switch.
	LIST	In USB source, list all playable content.
	REPEAT	In USB source, adjust the playback mode.
	RETURN	In USB source, return to the previous menu level.
	TEST	Enter the aging test.
	PLAY	In USB source, toggle between pause and resume playback.
	STOP	In USB source, exit playback directly while playing content.
	PREV	In USB source, switch to the previous content playback.
	NEXT	In USB source, switch to the next content playback.
	HDMI	Switch directly to HDMI when not in HDMI source.
	VGA	Switch directly to VGA when not in VGA source.
	Direction	Navigate between fields and menu items. Adjust parameters.
	OK	Confirm selection.
	MENU	Enter/Exit the menu.
	SOURCE	Switch signal sources.
	0-9	Enter numbers to select the desired screen or enter the special menu such as factory menu, etc.
	IDSEL	Select the desired display(s).
IDALL	Select all displays.	

## 2.2 OSD Menu Operations

You can use the OSD menu on your LCD display to make some adjustments.

### Menu Settings

You can press **MENU** on your remote control to go to the menu settings. The following table describes the settings.

**Table 2-3 Menu Settings**

Menu	Settings	
<b>Signal Source</b>	<ul style="list-style-type: none"> <li>● <b>Interface:</b> HDMI/DP/VGA/DVI/TV USB</li> <li>● <b>Volume:</b> 0 to 100</li> <li>● <b>Backlight:</b> 0 to 100</li> <li>● <b>Mute:</b> On/Off</li> </ul>	
<b>Picture Settings</b>	<b>Picture Mode</b>	<ul style="list-style-type: none"> <li>● <b>Picture Mode:</b> Standard/Presentation/Movie/Monitor/Text/User</li> <li>● <b>Color Temp.:</b> 0 to 100.</li> <li>● <b>Brightness:</b> 0 to 100.</li> <li>● <b>Contrast:</b> 0 to 100.</li> <li>● <b>Saturation:</b> 0 to 100.</li> <li>● <b>Sharpness:</b> 0 to 30.</li> <li>● <b>Backlight:</b> 0 to 100.</li> <li>● <b>Dynamic Backlight:</b> On/Off.</li> </ul>
	<b>Picture Settings</b>	<ul style="list-style-type: none"> <li>● <b>Color Space:</b> 0 to 255/16 to 235.</li> <li>● <b>Aspect Ratio:</b> 16:9/4:3/1:1.</li> <li>● <b>Image Quality Correction:</b> On/Off.</li> <li>● <b>EDID Switch:</b> EDID 1.4 suitable for 1080p image. EDID 2.0 suitable for 4K image.</li> <li>● <b>HDR:</b> On/Off.</li> <li>● <b>Auto Adjust:</b> On/Off.</li> </ul>
<b>General Settings</b>	<b>Joint Settings</b>	<ul style="list-style-type: none"> <li>● <b>Joint Switch:</b> On/Off.</li> <li>● <b>Horizontal Screens:</b> 1 to 15.</li> <li>● <b>Vertical Screens:</b> 1 to 15.</li> <li>● <b>Horizontal Location:</b> 1 to 15.</li> <li>● <b>Vertical Location:</b> 1 to 15.</li> </ul>
	<b>ID Settings</b>	<ul style="list-style-type: none"> <li>● <b>Config. Mode:</b> Manual/Auto.</li> <li>● <b>Total Rows:</b> 1 to 15.</li> <li>● <b>Total Columns:</b> 1 to 15.</li> <li>● <b>Auto Config.:</b> Choose to automatically configure the IDs.</li> </ul>
	<b>Control Linkage</b>	<ul style="list-style-type: none"> <li>● <b>Control Linkage:</b> On/Off.</li> <li>● <b>Videowall No.:</b> 1 to 100.</li> <li>● <b>Intelligent Scenes:</b> On/Off.</li> </ul>

Menu	Settings	
Other Settings	Overheat Alarm	<ul style="list-style-type: none"> <li>● <b>Overheat Alarm:</b> On/Off. If the temperature exceeds the designated value, an alarm will be triggered.</li> <li>● <b>Alarm Temp.:</b> 0 to 100. You can set the alarm temperature.</li> </ul>
	Volume Settings	<ul style="list-style-type: none"> <li>● <b>Volume:</b> 0 to 100.</li> <li>● <b>Mute:</b> On/Off.</li> </ul>
System Maintenance	System Info.	<ul style="list-style-type: none"> <li>● <b>Software Version:</b> Information about software version.</li> <li>● <b>Device ID:</b> ID number of the device.</li> <li>● <b>Current Temp.:</b> Current temperature of the device.</li> <li>● <b>Serial No.:</b> Serial number of the device.</li> </ul>
	OSD Settings	<ul style="list-style-type: none"> <li>● <b>OSD Language:</b> English/中文.</li> <li>● <b>OSD Timeout:</b> Off/15s/30s.</li> <li>● <b>Auto Sleep:</b> Off/1 min/10 min.</li> <li>● <b>No Signal:</b> Blue/Black.</li> </ul>
	System Maintenance	<ul style="list-style-type: none"> <li>● <b>Upgrade/Restore:</b> On/Auto.</li> </ul>

## 2.3 Screen Control

You can use remote control to control one screen, multiple screens or all screens.

To control one screen, press **IDSEL** to select screen ID.

To control multiple screens, press **IDSEL** to select screen IDs. For example, press **IDSEL** → **0101** → **2** to select screen 0101 and screen 0202.

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### Note

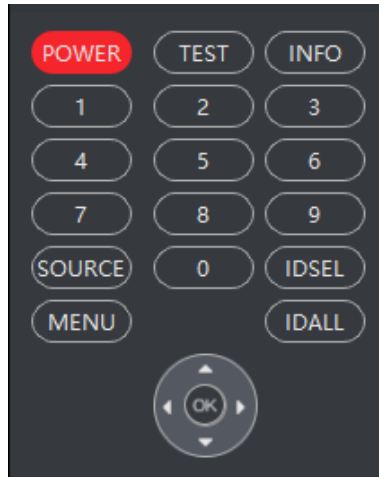
Only some LCD display models support multiple-screen control.

---

To control all screens, press **IDSEL**, and then press **IDALL**.

## 2.4 Virtual Remote Control

You can use **Remote Control** in the lower left corner of the client interface to control the display(s).



**Figure 2-1 Virtual Remote Control**

## Chapter 3 Installation and Connection

### 3.1 Installation Notice

- The LCD display must be installed or moved by two or more persons.
- When moving the LCD display, ensure to grasp the grips at the rear and bottom. Do not hold the LCD screen as it may cause damage, malfunction or personal injury.
- The LCD display should be mounted vertically relative to horizontal line.
- Mounting the LCD display on the wall requires special technologies, which must be done by professionals. You should not attempt to mount the LCD display yourself. Our company is not responsible for any accidents or personal injury caused by improper handling or mishandling.
- The LCD display should be used at room temperature from 0 °C to 40 °C. Leave enough space around it for internal heat dissipation.
- Do not block the vents. It may cause a device exception if the internal temperature of the LCD display rises.
- Do not place the LCD display on a hot device.
- Please use the mounting base and wall-mounting bracket which were specially designed for the LCD display.
- Before installing, wipe the casing and the screen panel cleanly, otherwise it will affect the use of the screen.
- Fix the screen but do not tighten it too tightly when installing the screen, otherwise the screen may not work normally because of deformation.
- Improper handling during adjusting and using may result in equipment damage. The LCD display can be used continuously.

### 3.2 Operation Notice

The LCD panel on the device is made by high-precision technology. However, tiny spots on the screen that are dim and dark may be observed, or when observed from side, the screen may be colorful or the brightness may appear to be uneven. Yet the above phenomena are common among LCD displays rather than faults and will not affect the performance of the LCD display.

- The LCD display and its accessories in this manual are subject to change without prior notice.
- The LCD display should be used at room temperature from 0 °C to 40 °C.
- This LCD screen contains fragile materials, which can be damaged by dropping or impact, so please take it lightly.
- Please do not let the screen display a static image for a long time, otherwise the "residual image" will be left on the screen to affect the normal use of the LCD display.
- It is strictly forbidden to scratch or tap the LCD display with hard objects. Do not switch on and off frequently. Do not hit the device. The above actions may damage the device and accelerate the aging of the device.

- If your LCD display is not working normally, especially if an unusual smell is emitted from the inside, unplug it immediately and contact your dealer.
- Please note that in addition to the compensation provided by law, the company is not responsible for errors caused by customers or third parties when using the machine, and is not responsible for any other related malfunctions or damages.
- Do not use the LCD display in environments with large amounts of dust, high humidity, or possible exposure to oil and water vapor, as this may result in fire or damage to the device.
- Do not place the LCD display on an unstable object or in an unsafe place. Do not subject the LCD display to strong shock or vibration. If the device is dropped, it may be damaged.
- Do not use the LCD display near heating facilities or any place where there may be high temperature, as this may cause the machine to overheat and cause a fire.
- Before installing the LCD display, please check if your accessories are missing. If there is any shortage, please contact the seller.

### 3.3 Power Cord Connection

When connecting the power supply, plug one end of the power plug into the power input on the rear panel of the LCD display, and the other end into a properly grounded power socket (AC 220 V, 50/60 Hz).

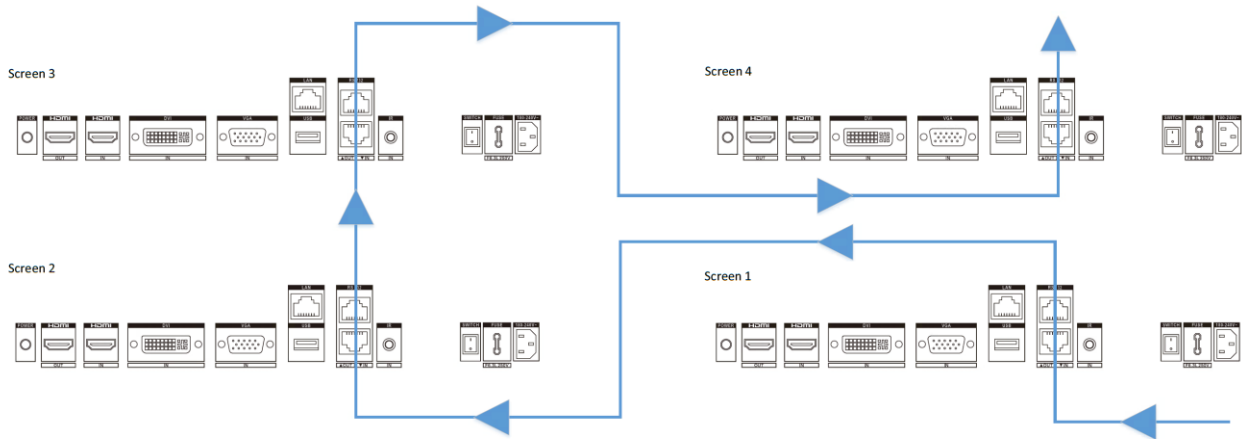
In the use of the power cord, the following points should be noted:

- If the LCD display is not to be used for a long time, shut down the power of the device and disconnect the power supply.
- Do not damage the power cord. Do not place heavy objects on the power cord, stretch the power cord, or bend the power cord excessively. If the power cord is damaged, it may cause a fire or electric shock.
- Only use the original power cable delivered with the LCD display. Contact authorized dealer to purchase power cable with same specifications.
- Do not connect DC power.
- Plug the power plug directly into an AC socket. If you add an additional extended power cord, you may get a fire due to overheating.
- Do not remove or plug in the power plug with a wet hand. It may cause an electric shock.
- Do not attempt to repair if the power cord is broken or malfunctioning. Contact the service center for repair.

### 3.4 System Connection

The LCD display achieves the video signal from the signal loop video input port (for example, the DVI-IN), and send the signal to the next unit through the signal loop video output port. The 2 × 2 splicing is taken as an example for description. Follow the wiring method shown in the figure below to complete the connection.





**Figure 3-1 Serial Port Connection**

---

**Note**

- The length of the cable as well as the environment condition may affect the image quality.
  - The DVI-IN interface is suggested to be used as the signal input port.
  - When operating on the cable connections, you must turn off the main power switch and pull out the power plug. Please read the *Installation Guide* first.
  - Do not confuse the input and output interface, or it may cause the device exceptions or other problems.
- 

## 3.5 Cleaning and Maintenance

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**Note**

Before cleaning the LCD display, be sure to unplug the power cord. Do not attempt to maintain it yourself. Opening the casing will expose you to high voltage or other hazardous materials. The LCD display must be maintained by professionals.

---

### Clean the screen panel of the LCD display

- When wiping the screen, use a dry cloth that does not shrink, so as not to damage the surface coating of the screen. Do not use chemical fiber cloth or detergent, whose composition may cause the screen surface to fade or be damaged. Do not wipe the screen with a hard cloth or a rough and hard object, as this may damage the screen surface.
- If the surface of the screen is stained with grease, such as fingerprints, wipe it with a non-shrinking cloth diluted with neutral detergent, and then dry the screen with a soft, dry cloth. Do not use a spray cleaner as this may remove the coating or cause the cleaner to enter the device, which may cause malfunctions.

### **Clean the casing of the LCD unit**

- Do not use benzene, thinner or other chemical products to wipe the casing; do not spray volatile solvents such as insecticide on the casing; do not leave the casing exposed to plastic or rubber materials for a long time; do not use chemical fiber cloth, detergent or paraffin. All of the above behaviors may cause cracking, deformation and stripping of the casing.
- Use a non-shrinking cloth to wipe the device casing and its remote control. If it is dirty, wipe it with a soft damp cloth diluted with a mild detergent solution, and then dry with a soft, dry cloth.
- Do not use acidic/alkaline detergents, alcohol-based detergents, scouring agents, soap powders, OA cleaners, car waxes, glass cleaners, etc., as they may cause cracking, discoloration, and scratching of the casing.

## Chapter 4 Client Configuration and Operation

### 4.1 Register and login

#### Steps

1. Double click **LCD Display Controller.exe** in the disk to install the client according to the Install Shield Wizard.

---

 **Note**

Recommended runtime environment of the computer:

- Operating system:
  - Windows 7/Windows 8/Windows 8.1/Windows 10 (32/64-bit) English system, and Windows 7 64-bit system recommended.
- CPU:
  - Intel Pentium 4.3.0@3.0 GHz or above, and Core i3-2100 3.1 GHz recommended.
- Memory:
  - 2 GB or above, and 4 GB recommended.
- Graphics:
  - RADEON X700 series or above, and NVIDIA GeForce GT730 recommended.
- GPU:
  - 256 MB or above, and 512 MB recommended.

- 
2. You need to register the admin user at your first login on the client. Enter the password and confirm.

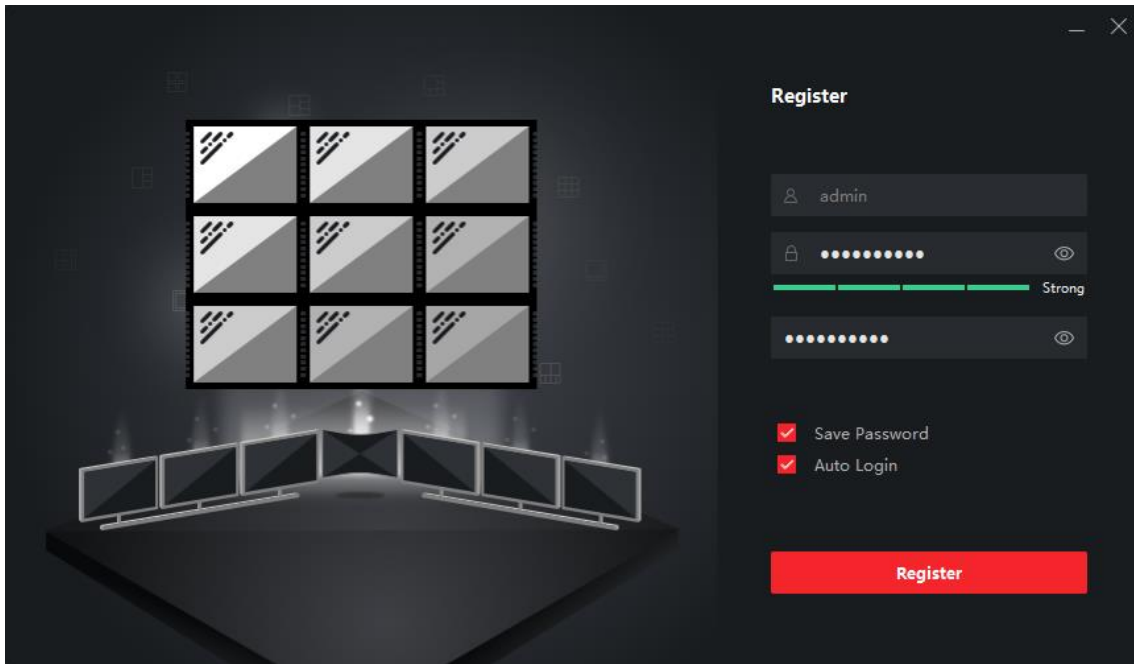


Figure 4-1 Register Interface

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 **Note**

We highly recommend you create a strong password of your own choosing (using a minimum of 8 characters, including upper case letters, lower case letters, numbers, and special characters) in order to increase the security of your product.

- 
- Optional: Check **Save Password** and **Auto Login** as required.
  - Click **Register** to enter the client.

---

 **Note**

If you forgot your password, you have to uninstall the client and reinstall it. You need to re-configure the client.

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## 4.2 Basic Configuration

### 4.2.1 Configure the Serial Port

After registration, **Serial Port Configuration** interface will pop up. You need to firstly configure the serial port of your PC to control screens. Incorrect serial port configuration may result in screen control failure.

#### Before You Start

Ensure that the serial ports are already connected correctly, otherwise some functions will be unavailable or abnormal.

#### Steps

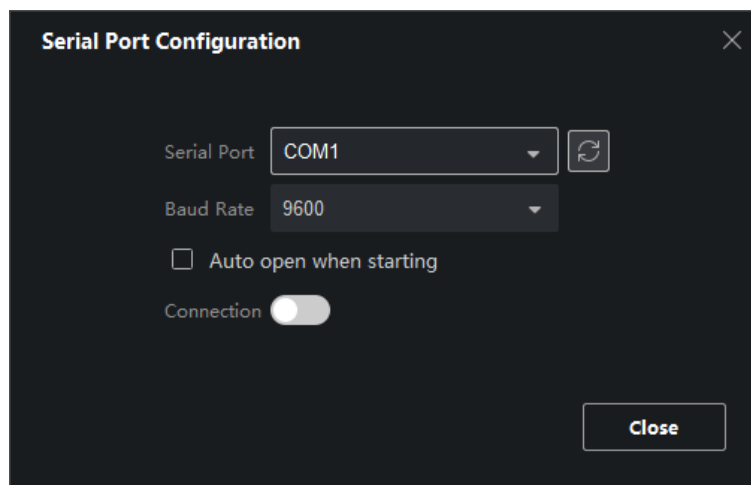



Figure 4-2 Serial Port Configuration

1. Select **Serial Port**. You can obtain the serial port of your PC by navigating to **Computer** → **Management** → **Device Manager** → **Ports**.
2. Select **Baud Rate**. 9600 is recommended.
3. Enable **Connection**.

---

#### Note

- When **Auto open when starting** is checked, the serial port set here will be connected automatically when you log in to the client next time.
  - When the serial ports of your PC have changed, click  next to **Serial Port** to automatically obtain and refresh the serial ports.
- 

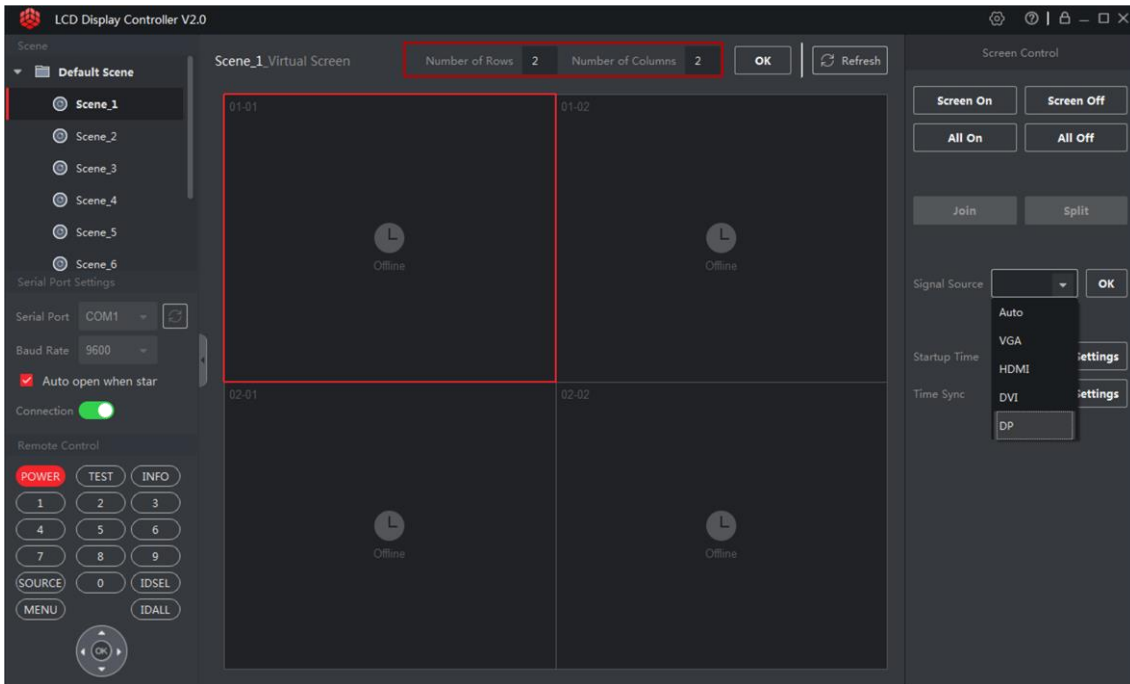
### 4.2.2 Configure the Screen Layout

After configuring the serial port, you need to configure the screen layout according to the actual

connections.

## Steps

1. Enter **Number of Rows** and **Number of Columns** in the upper right corner of the client.



**Figure 4-3 Screen Layout Configuration**

2. Click **OK** to save the screen layout.
3. Optional: Click **Refresh** to get the newest screen status.

### Note

**Refresh** is available only when the screen number is smaller than or equal to 9. When the screen number is greater than 9, there is no **Refresh** button on the client.

## 4.2.3 Match the Screen ID

You need to match the screen ID to distinguish the screens by manual match or auto match.

### Note

Some LCD display models will restart automatically when screen ID matched.

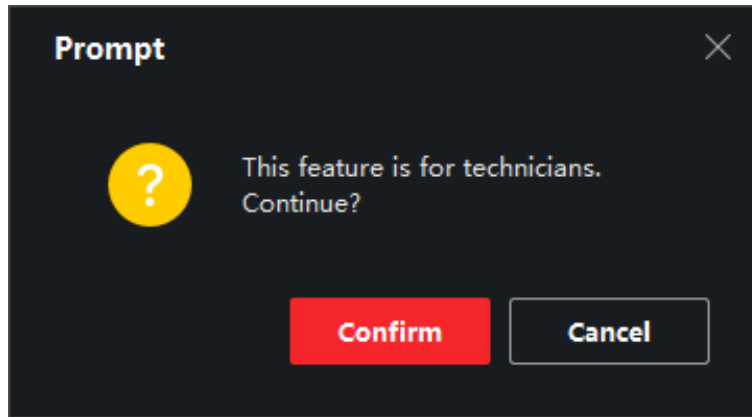
## Manual Match

### Before You Start

Screen layout has been set.

**Steps**


1. Click  in the upper right corner of the client.
2. In the pop-up window, click **Confirm** to enter the technical page.



**Figure 4-4 Prompt**

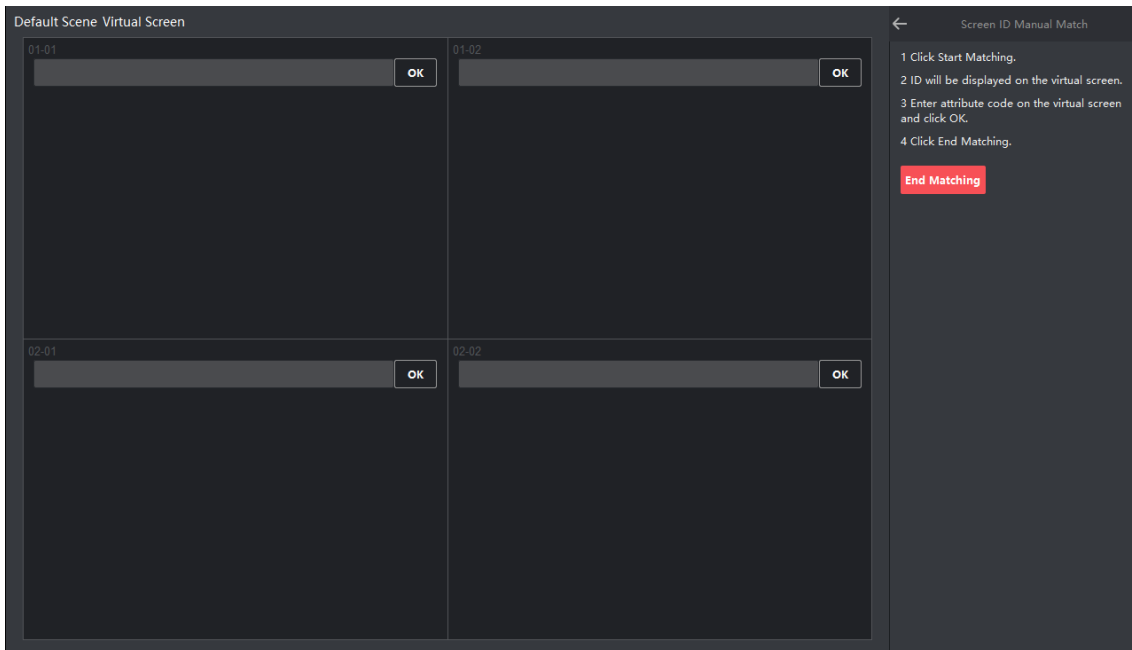
---

 **Note**

Click  to go back to the home page.

---

3. Click **Manual Match** → **Start Matching** to match the screen ID manually.



**Figure 4-5 Manual Match the Screen ID**

4. After clicking **Start Matching**, the attribute code defining the screen will be displayed on the upper left corner of every physical screen. According to the actual position of the physical screen, enter its attribute code into the textbox of the virtual screen.

## Note

When the screen layout is greater than 10 × 6, you need to click **Match** on the virtual screen, and enter the attribute code into the pop-up textbox.

5. Click **OK** to finish the manual match of the first screen.
6. After all the screens are matched, click **End Matching**.

## Note


You can also match the screen ID using the remote control.

## Auto Match

### Before You Start

Screen layout has been set.

### Steps

1. Click  in the upper right corner of the client.
2. In the pop-up window, click **Confirm** to enter the technical page.
3. Click **Auto Match**.

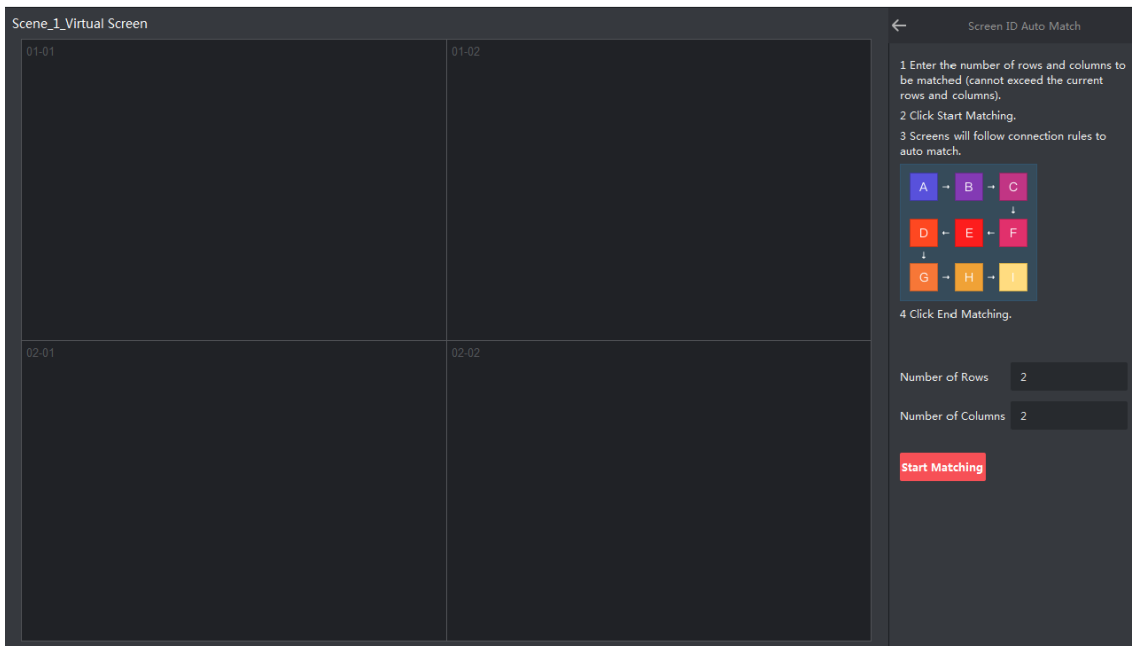


Figure 4-6 Auto Match Screen ID

4. Enter **Number of Rows** and **Number of Columns** according to the actual connections.



 **Note**

The numbers of rows and columns must be the same as the actual screen layout, otherwise an error will occur during screen ID match.

---

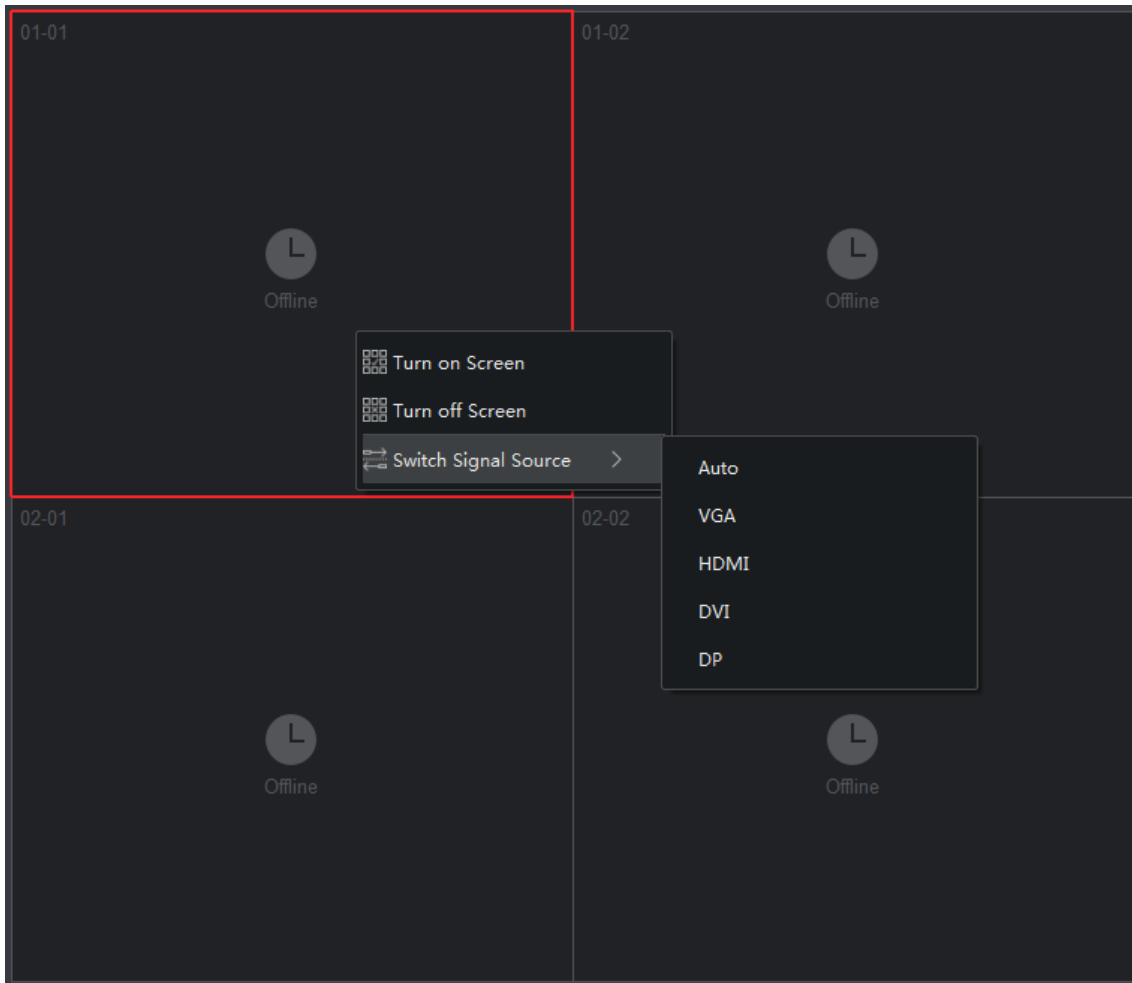
5. Click **Start Matching** to finish screen ID auto match.

## 4.3 Screen Management

### 4.3.1 Switch the Signal Source

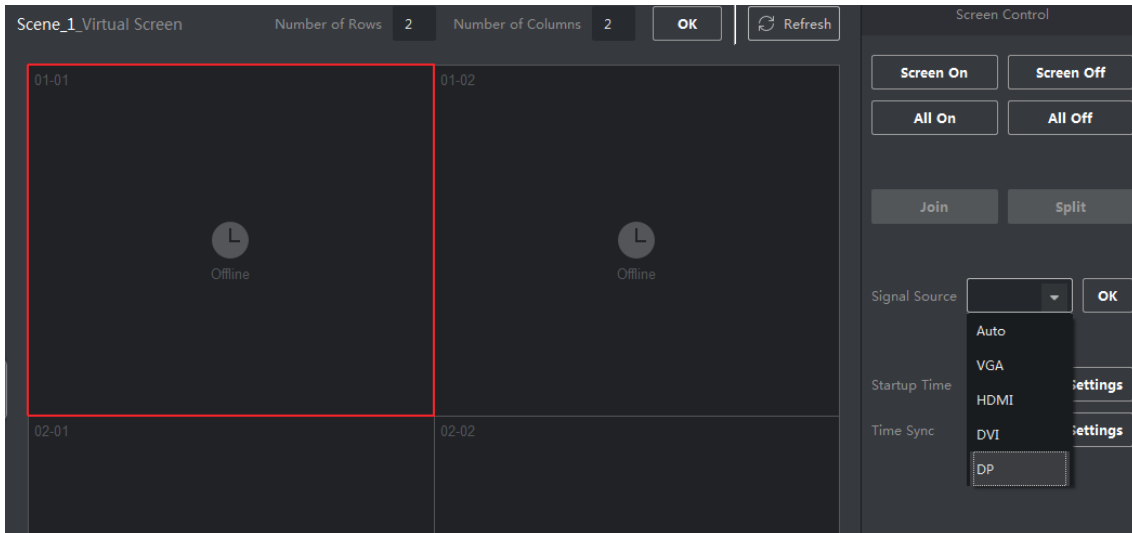
#### Steps

1. Select one or more virtual screens.
2. You can switch the signal source using the following two ways.
  - Right-click and select **Switch Signal Source** to switch signal sources.



**Figure 4-7 Switch Signal Sources by Right-click**

- Select one signal source in the drop-down list of **Signal Source** on the right of the client, and click **OK** to switch signal sources.



**Figure 4-8 Switch Signal Sources by Drop-down List**

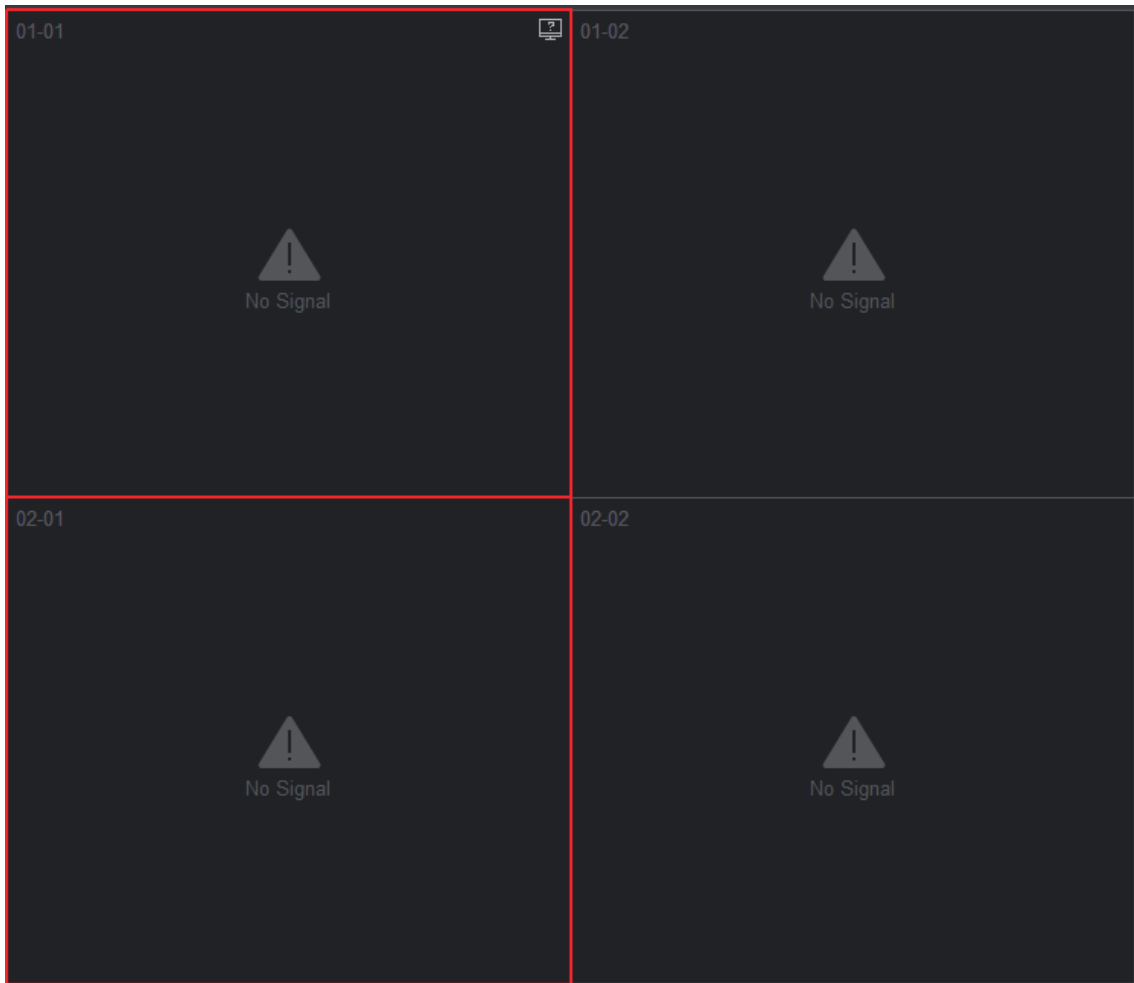
### Note

- The types of signals sources supported vary with LCD display model. The client will obtain the types of signal sources supported from the LCD display when the serial port is connected.
- If a display does not send information about signal source types to the client, the client provides only three default types for you to switch. The three types include HDMI, VGA, and DVI.

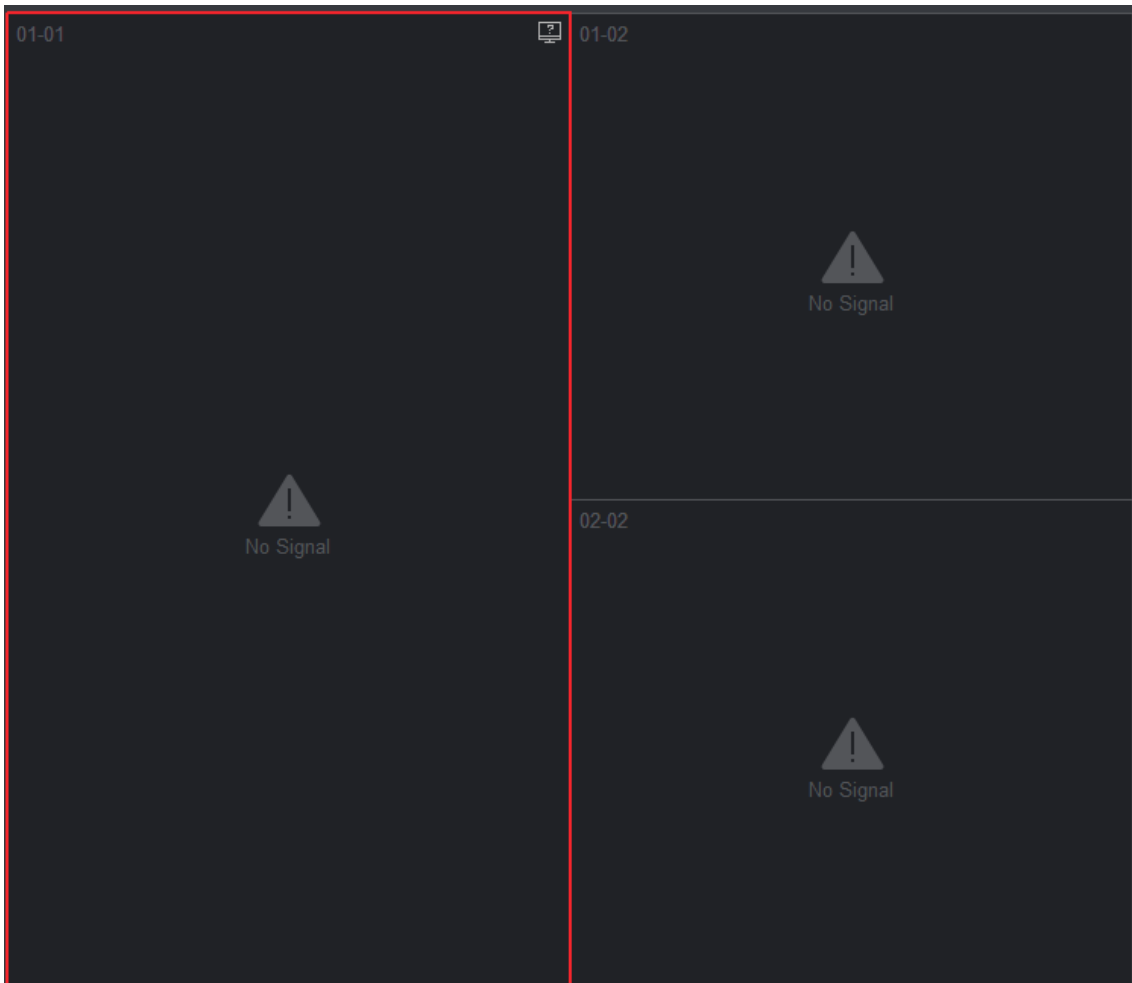
## 4.3.2 Join Screens

### Steps

1. Select the desired screens, and click **Join** on the right of the client to finish screen splicing.



**Figure 4-9 Before Screen Splicing**



**Figure 4-10 After Screen Splicing**

After the screen splicing, multiple virtual screens are joined into one screen to display one signal source image of the screen in the upper left corner.

2. Optional: Select the joined screen, and click **Split** on the right of the client to split the joined screen.

### 4.3.3 Manage Scenes

You can set and call a scene to configure screens quickly.

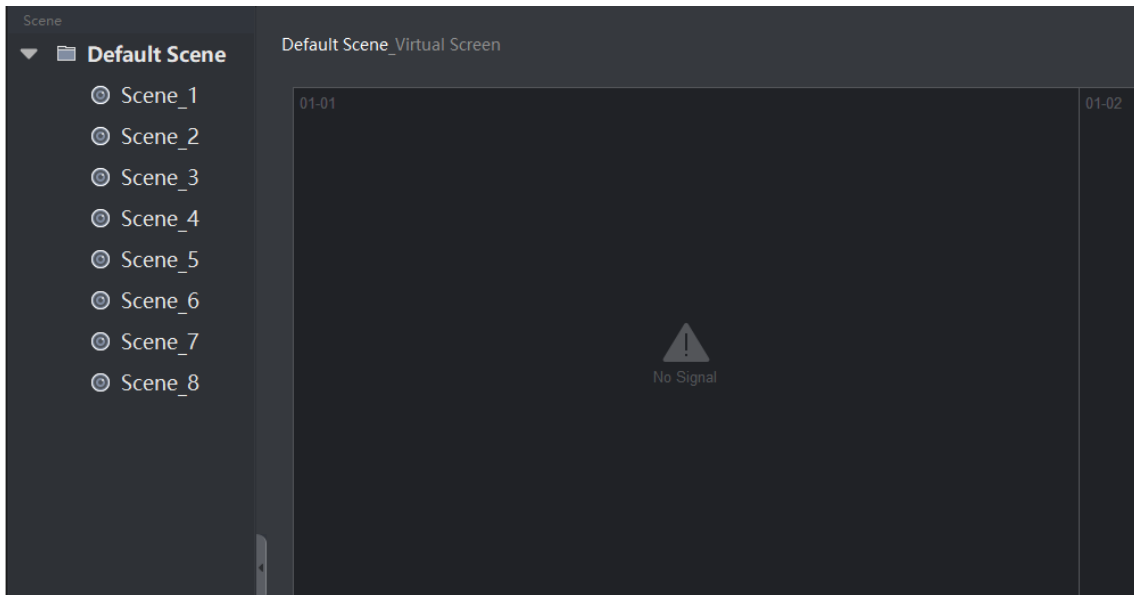




Figure 4-11 Scene Management

Table 4-1 Operations of Scene Management

Operation	Step
Save a Scene	After setting a scene, a prompt will pop up to remind you to save the scene before you switch to other scenes.
Rename a Scene	Select a scene, and click  to rename it.
Call a Scene	Select a scene, and click  to call the scene. You can also double click the scene to call it as desired.

 **Note**

- The client supports 8 scenes at most.
- The default scene layout is 2 × 2.

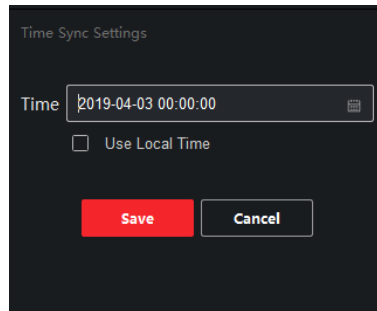
### 4.3.4 Screen Time Sync

**Before You Start**


Ensure the LCD display supports sync function.

**Steps**


1. Click **Settings of Time Sync** on the right of the client.



**Figure 4-12 Time Sync Settings**

2. You can set the screen time in either of the following two ways.
  - Click  to set the time and date.
  - Check **Use Local Time** to save the computer time to the screen.
3. Click **Save** to finish time sync.

### 4.3.5 View Screen Status

Select one virtual screen, and hover over  in the upper right corner of the screen to view the information.

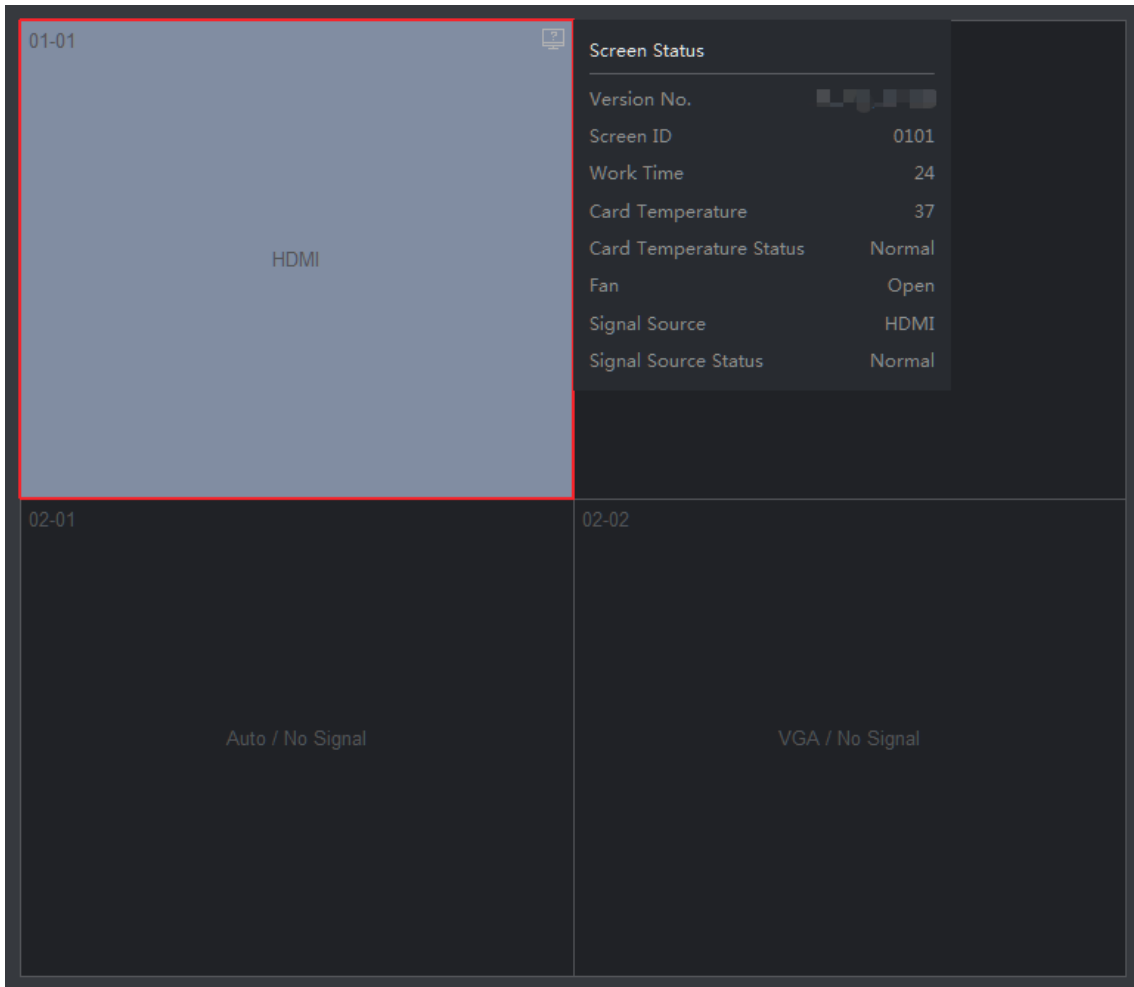


Figure 4-13 View Screen Status

Table 4-2 Description of Virtual Screen Color


Color	Description
Green	The screen signal source is normal.
Black	The screen has no signal input.
	The screen is powered off.
	The serial port connection is abnormal.
Grey	The Screen status is unknown. Click <b>Refresh</b> to get the latest status when the screen layout is less than 3 × 3.
Orange	The screen temperature is too high.

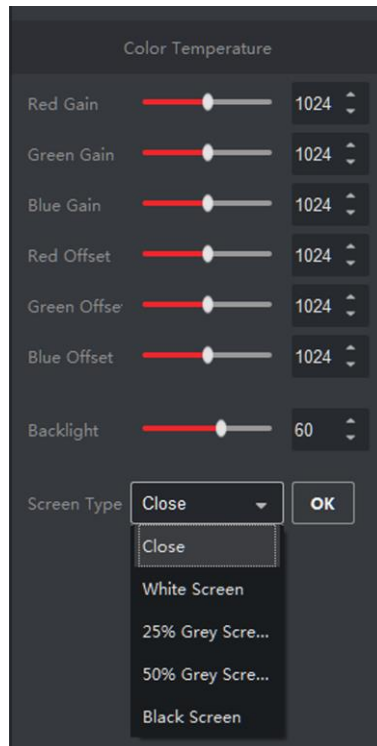


### 4.3.6 Configure Screen Parameters

Only professionals are recommended to configure screen parameters.

#### Steps

1. Click  to enter the technical page.
2. Select one or more screens as desired to configure.
3. Configure parameters on the right.



**Figure 4-14 Screen Parameter Configuration**

#### Color Temperature

You can configure red/green/blue gains or offsets.

#### Backlight

You can increase or decrease the brightness of screen backlight.

#### Screen Type

Different images can be selected to adjust chromatic aberration.

## 4.4 Screen On/Off

### 4.4.1 Turn On/Off the Screen Manually

#### Before You Start

The serial port has already been configured correctly.

#### Steps

1. Select one or more screens.
2. You can turn on/off the screens in either of the following two ways.
  - Right-click and select **Turn on Screen/Turn off Screen**.
  - Click **Screen On/Screen Off** on the right of the client.

---

#### Note

Click **All On/All Off** to turn on/off all the screens.

---

- Press **POWER** on the remote control or click **POWER** on the virtual remote control.
- 

#### Note

On/off commands are sent by the virtual remote control alternately. If you fail to turn on/off the screen with the virtual remote control, try it again.

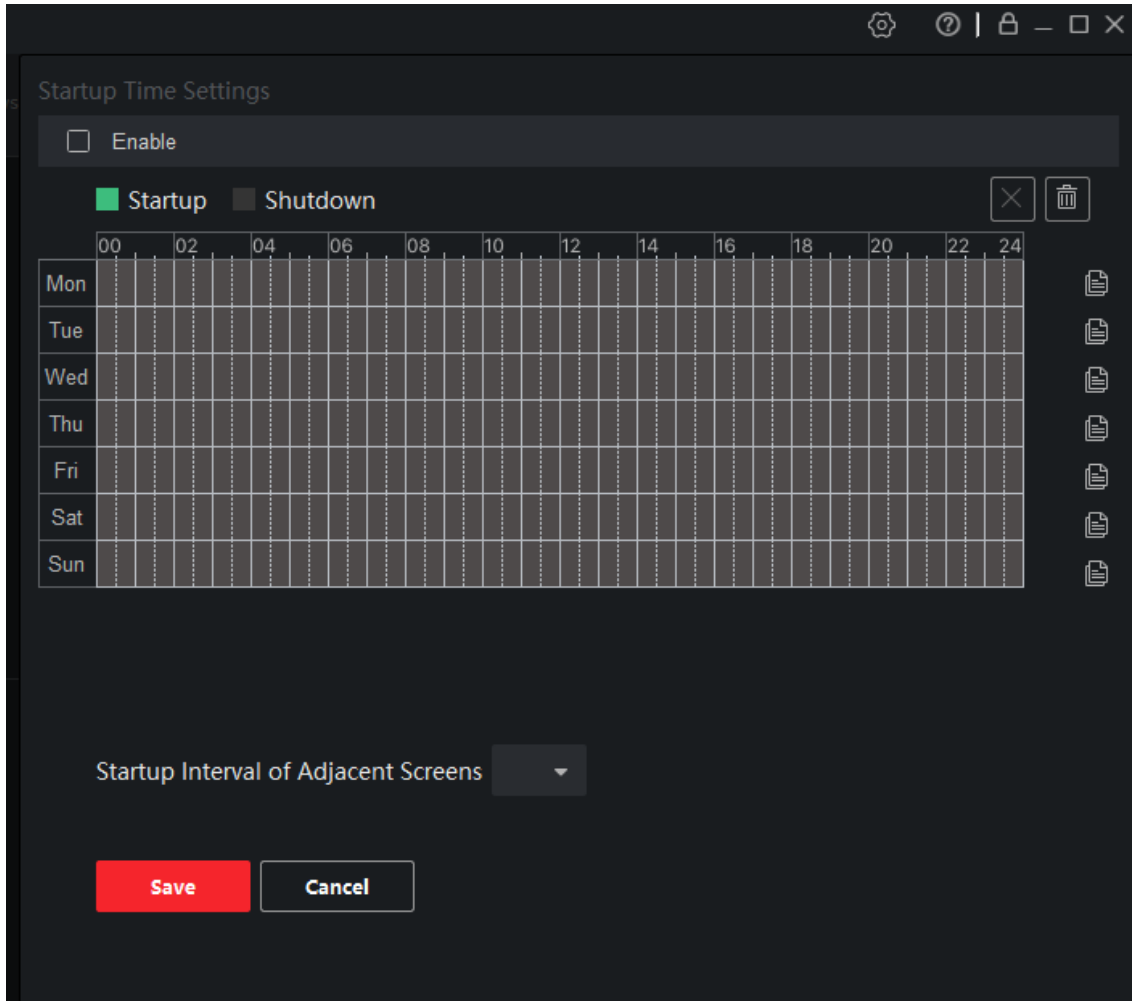
---

### 4.4.2 Turn On/Off the Screen on Schedule

You can control the screen working time by setting its startup time.

#### Steps

1. Select one or more screens as desired.
2. Click **Settings of Startup Time** on the right of the client.






**Figure 4-15 Startup Time Settings**

3. Drag and draw green bars in the days of a week. The area in green indicates the display is turned on. In other duration, the display turns off.
4. Select the green bars to precisely set the starting and ending time.
5. Repeat the operations to set the schedule of the whole week.

 **Note**

- Only 2 startup periods can be set at most.
- The interval between startup periods must be at least 2 minutes.

6. Optional: The following operations can also be performed in Startup Time Settings.

-  Delete the selected period.
-  Delete all the set periods.
-  Copy the schedule of the day to other days of the week.

- Optional: Set a startup interval for adjacent screens to prevent damage to the circuit due to current peaks.
- Check **Enable**.
- Click **Save** to finish startup time settings.

---

### **Note**

For some LCD display models, the startup time settings take effect only when the client is running.

---

## 4.5 Client Management

### 4.5.1 Lock/Unlock the Client

You can lock the client to prevent others from changing the configuration.

#### Steps

- Click  in the upper right corner to lock the client.

#### What to do next

To unlock the client, you need to enter the login password, and then click **Unlock**.

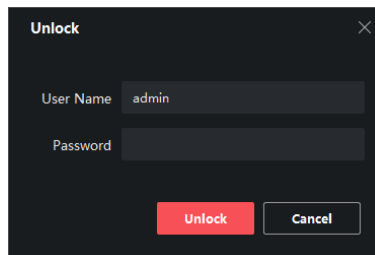



Figure 4-16 Unlock the Client

### 4.5.2 Change Login Password

#### Steps

- Click  in the upper right corner of the client, and select **Change Login Password**.

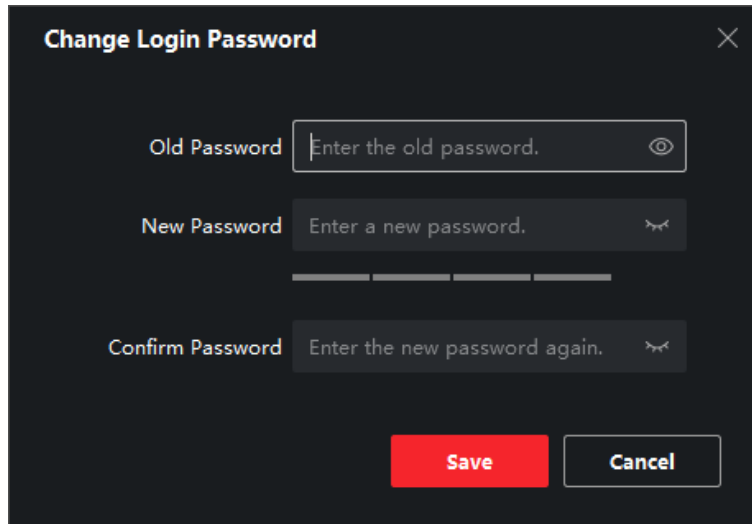


Figure 4-17 Change Login Password

2. Enter the **Old Password**, then set a **New Password** and confirm.
3. Click **Save** to change the login password.


---

 **Note**


You need to enter the new password when logging in next time. You need to check **Save Password** and **Auto Login** again, too.

---


### 4.5.3 Enable/Disable Auto Login

Click  in the upper right corner of the client, and select **Enable/Disable Auto Login**. Check/Uncheck **Auto Login**.

### 4.5.4 View Client Information

Click  in the upper right corner of the client, and select **About** to view the name, version and etc.

### 4.5.5 View Open Source Software Licenses

Click  in the upper right corner of the client, and select **Open Source Software Licenses** to view open source software licenses in the root directory.



See Far, Go Further