

LDC610XXSFP Series II Display Product



All pictures in this manual are for reference only, and the details shall be subject to
the real ones

User Manual

Product type: LED small pitch products

File version: V2.1

Contents

1. Product Introduction	6
1.1 Product Features	6
1.2 Product Dimension	7
2. Product Components	7
2.1 Cabinet Structure	7
2.2 Wring Hole Location	8
3. Product Assembly	9
3.1 Install wall-mounting bar	9
3.2 Assemble cabinets	14
3.3 Assemble Left/ Right / Top Cover Strip	16
3.4 Assemble Modules	17
4. Control System	19
4.1 Input Voltage Requirement	19
4.2 Controller Paramenter	19
4.3 System Connection Diagram	22
4.4 Safety Precautions	20
4.5 Screen Configuration	20
5. Common Functions	31
5.1 Start up	31
5.2 Main UI	31
5.3 USB input	34
5.4 HDMI input connection	35
5.5 OSD Menu Functions (9570 Menu)	35
6. Common Hardware Faults Troubleshooting	39
7. Parts Replacement	40
7.1 2-in-1 Board Replacement	40
7.2 Module Replacement	41
8. Special Statement	43

This manual takes the LED small pitch products customized project as the example to systematically introduce the product components, ports, specifications, as well as installation, function applications and other instructions, aiming at guiding user to start an efficient experience with the LED small pitch products;

WARNING

In the residential environment, the operation of this equipment may cause radio interference.

The possibility of damage to the device and the inability to recover due to ignoring the following contents of the warning is extremely high.

- 1) Do not invert and throw the equipment during handling and storage;
- 2) Do not tilt and collide to scratch the equipment during the installation process;
- 3) Do not drench and immerse the equipment in water;
- 4) Do not enable the air outlet of the air conditioner close to the display screen;
- 5) Do not place or use the display in an environment with volatile, corrosive or flammable chemicals;
- 6) Do not use the equipment in humidity above 80% or in outdoor rainy days;
- 7) Do not clean the display equipment with water and chemical solvents;
- 8) Do not use electrical accessories that are not certified by the equipment manufacturer;
- 9) It must be ensured that the display and its accessories are properly and reliably grounded before use;
- 10) If abnormality occurs in the display, such as abnormal smell, smoke, electric leakage or temperature happens, please cut off the power immediately and then contact the professional;
- 11) This device has two input sockets that need to be disconnected at the same time to disconnect the power supply from the device. The AC power for the device shall be 100-240V.
- 12) This product is an indoor product. It is strictly prohibited to use it in direct sunlight

◆NOTE!

It is highly probable that you will not be able to get the best display effect if you ignore the content of the notice.

- 1) Wear anti-static gloves and anti-static bracelet during installation and maintenance;
- 2) Smooth air flow on the back of the display must be considered when designing the heat dissipation scheme;
- 3) The storage environment of the display should be ventilated and dry, and the humidity should not exceed 85%;
- 4) Under normal circumstances, the display must be powered on and turned on at least twice a week, and each lighting time shall not less than 2 hours;
- 5) If the display is installed in the seaside, saline-alkali area, sulfur-containing gas area, places near kitchen smoke exhaust or with large indoor and outdoor temperature difference, it may cause equipment failure and affect the service life. If inevitable, please consult our professional and technical personnel;
- 6) This product is only for use at altitude not greater than 5000m.
- 7) The working environment of the display screen does not exceed $-10^{\circ}\text{C} \sim 40^{\circ}\text{C}$
- 8) In order to ensure long-term and more uniform display effect, do not play fixed images for a long time

◆Construction precautions!

- 1) With a laser level, a tape measure, a plane measuring sling, a hole drilling tool, etc;
- 2) After arriving at the site, check whether the length, width, thickness and wiring quantity and type of the reserved size are within the reserved standard;
- 3) If there is no steel structure back frame, the height from the ground must be confirmed with the user, and the center position must be marked;
- 4) When installing the wall hanging strip, check the flatness and level of the steel structure and wall;
- 5) When installing the wall hanging strip, check the flatness of the wall hanging strip and measure the distance between the top and bottom;
- 6) When installing the box, if it is found that it shakes up and down badly, it is necessary to plug the gasket on the back in advance until it does not shake;
- 7) After the box is installed, it is necessary to check whether the thickness of the screen from the wall is convex and concave
- 8) When the upper and lower columns of the box need to be spliced, the back connecting plate should be locked at the splice;
- 9) When splicing columns and columns, check the gap between them, and adjust it in time if the gap is too large;
- 10) After the screen is installed, check whether the four corners are flush with the decoration;

*Remarks: This manual system takes the LED small pitch products engineering screen as an example, introduces the product composition, interface, specification, and operation instructions such as installation and function usage, aiming at allowing you to use the product quickly and efficiently;

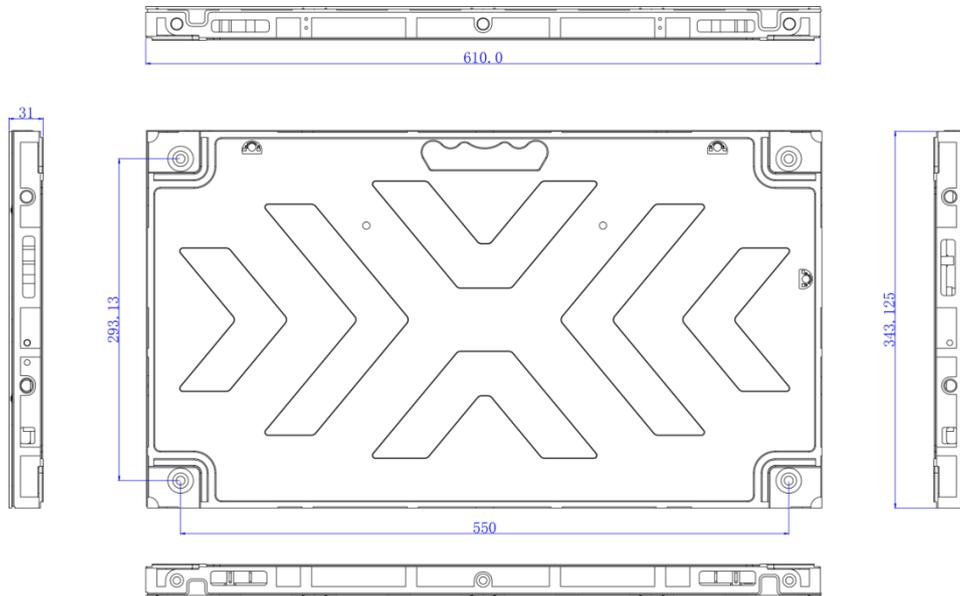
1. Product Introduction

1.1 Product Features

- 1) Shunt power supply technology, green energy saving
- 2) Ultra slim and light-weight design, 4.8kg cabinet with 31mm thickness;
- 3) Fully front-access maintenance mode supports hot swapping and quick repair;
- 4) 3-in-1 integrated design without wiring ensures stable performance;
- 5) It can support 800 nits brightness to meet the needs of commercial display scenes
- 6) High-integrated 5-in-1 hub-board technology, power supply & signal redundancy for options, higher stability
- 7) Internal wiring design makes product appearance neat and elegant;
- 8) 16:9 standard ratio cabinet design can achieve dot-to-dot displaying of FHD / 2K / 4K;
- 9) EMC design with low radiation meets EMC class A requirements;
- 10) Super wide viewing angle, high refresh rate, gray scale level and contrast;
- 11) Point-by-point correction technology to ensure the consistency of image quality
- 12) Display unit applies magnalium cabinet without fan built inside, realizing high power efficiency and low consumption;

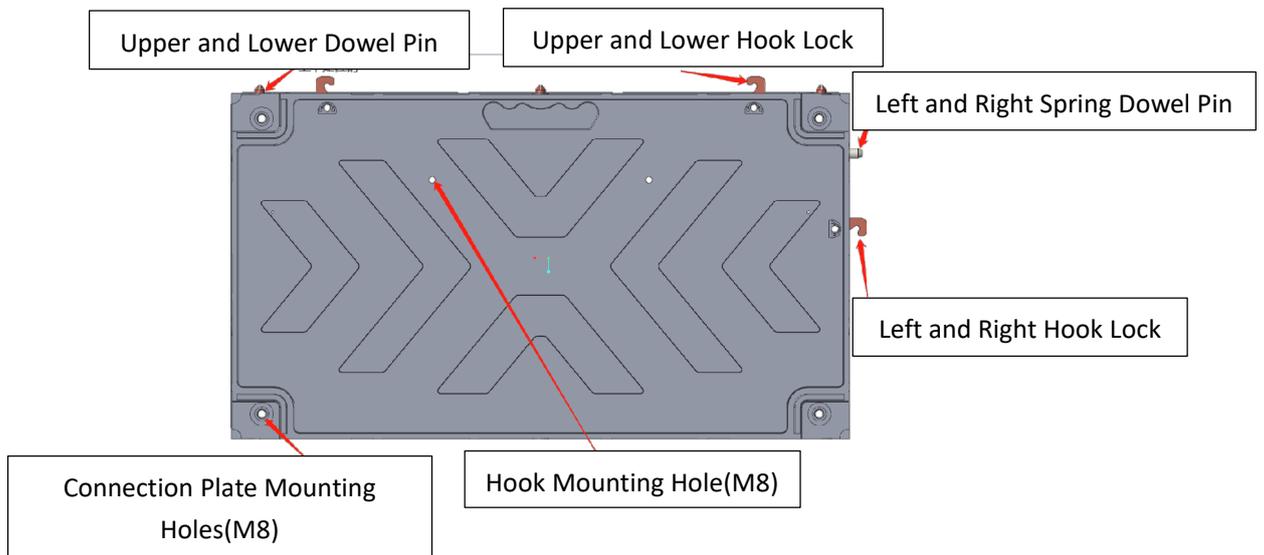
-
- 13) Calibration data is stored in display module, enabling calibration data auto reading function after module replacement;
 - 14) The series satisfies RoHS environmental protection requirements both in China and EU.

1.2 Product Dimension

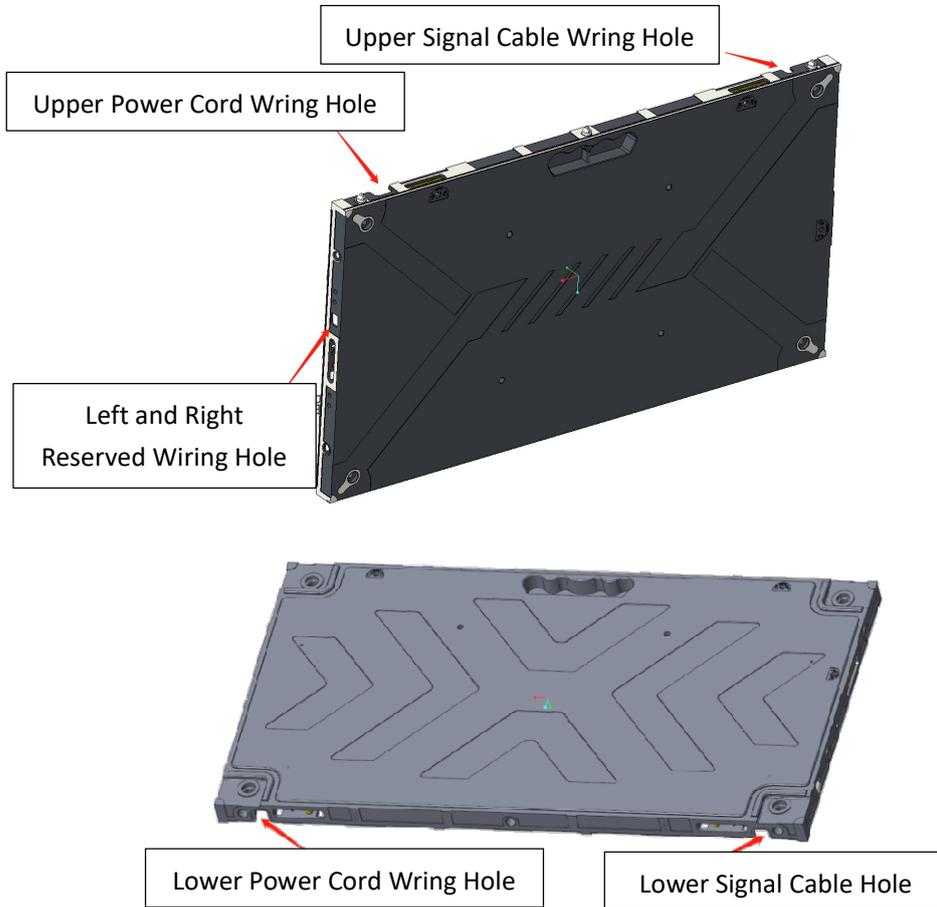


2. Product Components

2.1 Cabinet Structure



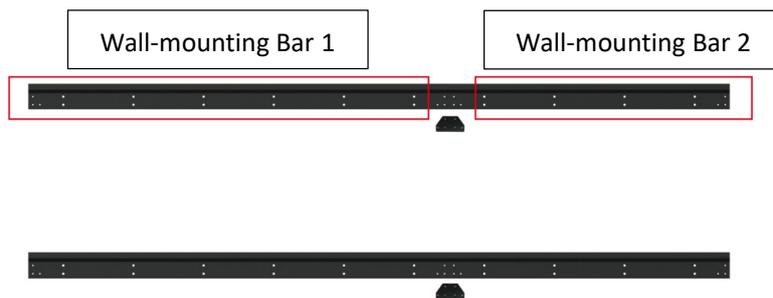
2.2 Wring Hole Location



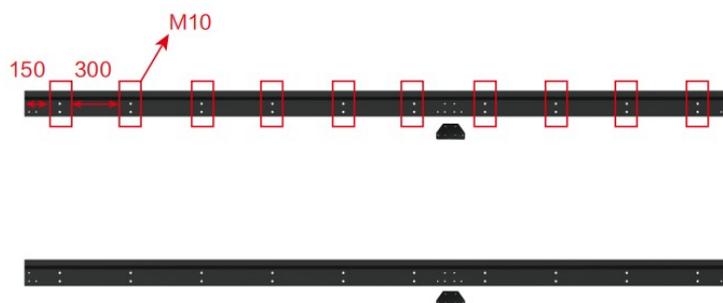
3. Product Assembly

3.1 Install wall-mounting bar

- ① Locate the positions to drill holes for upper and lower wall-mounting bars according to onsite environment and distance requirement between screen and floor, and use level instrument to ensure position precision;
- ② The upper and lower wall-mounting bars are respectively composed of the wall-mounting bar 1 and the wall-mounting bar 2, which are joined by connection plates. Use six M6*14 countersunk head screws to fix connection plates;



- ③ The mounting holes for wall-mounting bar 1 and wall-mounting bar 2 are shown below:

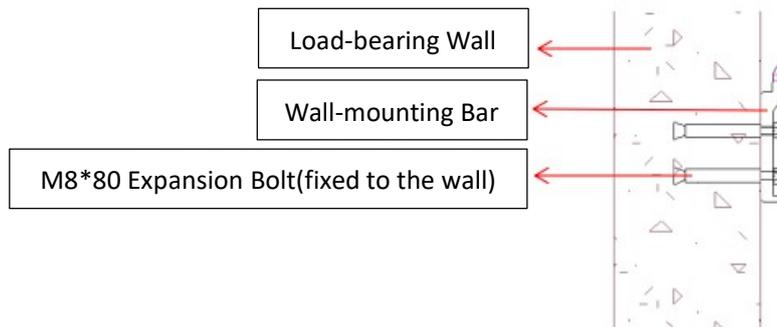


- ④ Draw dowel points on the wall and drill 10mm hole at each point;

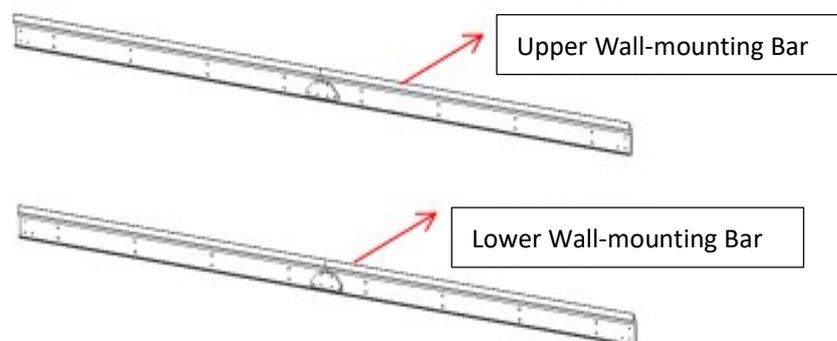
-
- ⑤ align wall-mounting bars to holes drilled in previous step and fix bars with M8*80 expansion bolts as shown below:



- ⑥ Side profile diagram of installed wall-mounting bar:



- ⑦ Front view diagram of installed wall-mounting bars:



- ⑧ Check whether the wall-mounting bar is properly installed, which requires: a. levelness check ; b. spacing check, by following steps:

1) Use a level instrument to measure the horizontalness of wall-mounting bar. If it is not horizontal, make adjustment by loosening the expansion bolt and gently pushing wall-mounting bars. And then tighten the wall-mounting bar with screws.

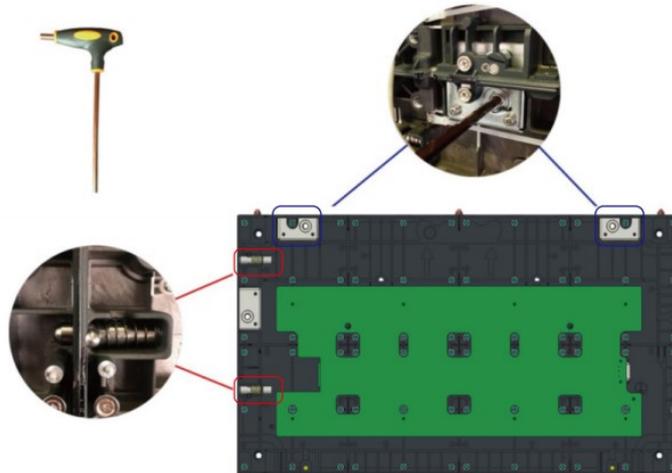
2) Use a tape measure to check the spacing between the upper and lower rows of wall-mounting bars. If the spacing is not ideal, make adjustment by loosening the expansion bolt and gently pushing wall-mounting bars. And then tighten the wall-mounting bar with screws.

3.2 Assemble cabinets

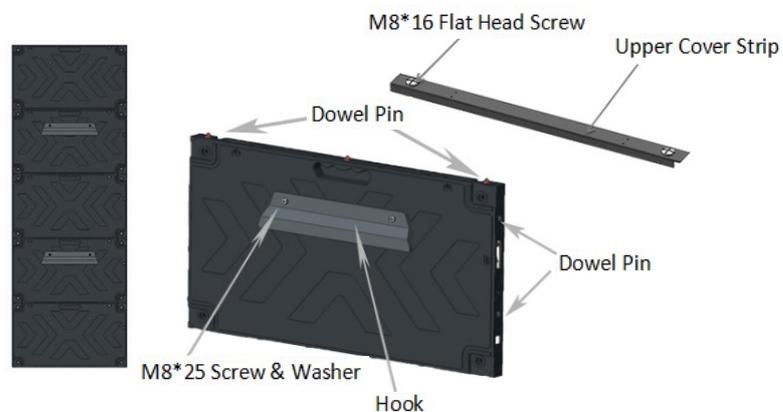
① Assemble cabinets into 5 columns according to serial numbers before delivery;

② Connect two upper and bottom cabinets by hook locks with tool provided, and the exact positions are marked in blue in below diagram. And joint two adjacent cabinets with spring side locks marked in red in below diagram.

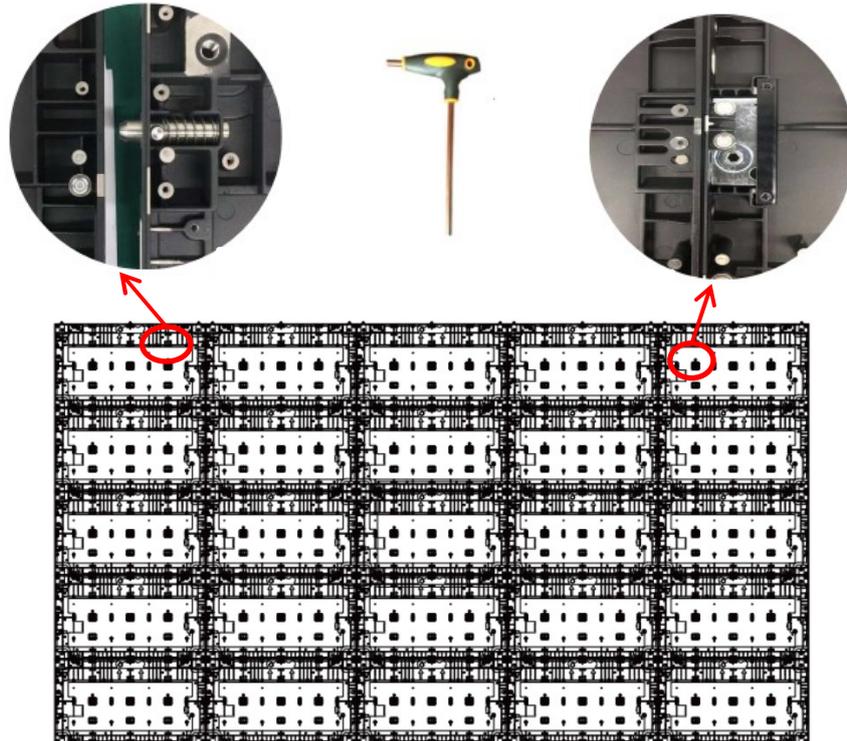
③ Prepare and install cabinets in columns, and fix hooks on the rear side of cabinet columns in order to hang cabinets to wall-mounting bars;



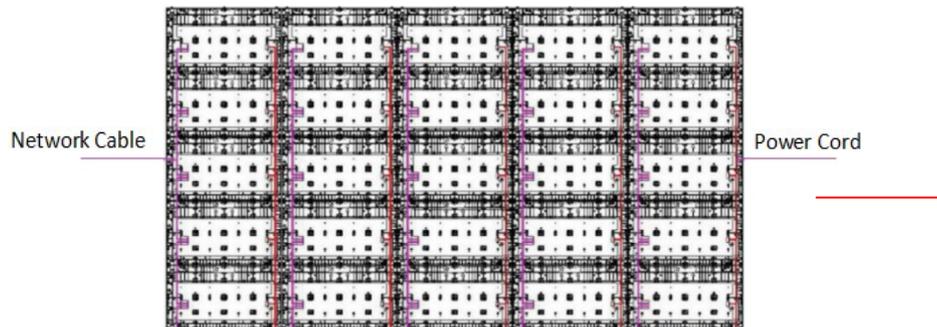
④ Use 2 M28*25 hexagon head bolts and flat spring washers to fix hooks to cabinets, and remove dowel pins of cabinet assembled on the top, and spring dowel pins of the leftmost cabinet column in front view, and then fix cover strips with cross point screwdriver as shown below:



⑤ Place cabinet columns in order and align spring dowel pins to holes on two sides of each column, and then fix cabinet columns side locks with inner hexagon wrench;

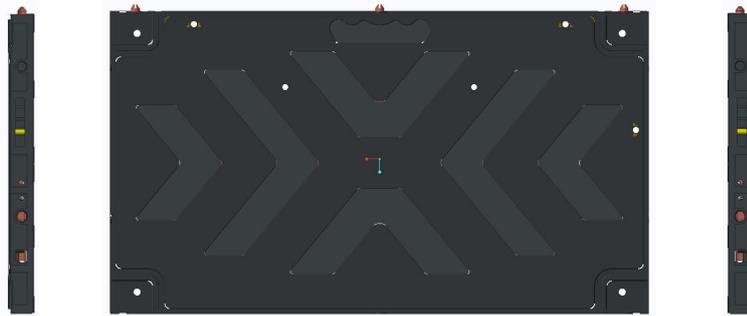


⑥ Screen wiring: As shown in below diagram, red indicates power cord branch, and purple indicates signal cable branch, connect power cords and signal cables between cabinets.



3.3 Assemble Left/ Right / Top Cover Strip

Left and right cover strips shall be assembled into side spring dowel pin hole by buckles in front view (remove the spring dowel pins on the leftmost cabinet column). The cover strips with labels of "R" are right cover strips, and those with labels of "L" are left cover strips.

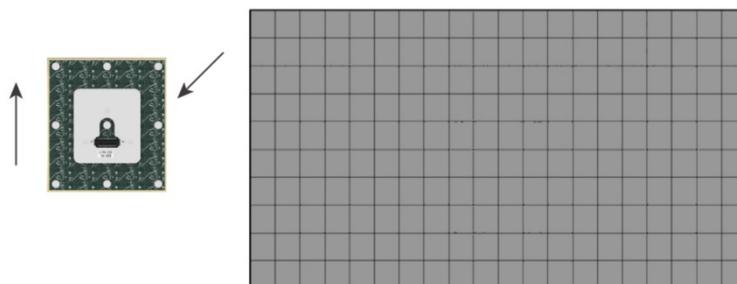


3.4 Assemble Modules

* Modules shall be installed according to numbers from left to right, right to left or bottom to top, top to bottom, depending on the installation environment.

* Make sure that the flatness of the installed module is qualified and make adjustment during the process.

① The module connection mode applies hard connection, which is linked by bridge board and connectors on the back of module. Do not forced insert the components during installation (wear anti-static gloves when installing modules);



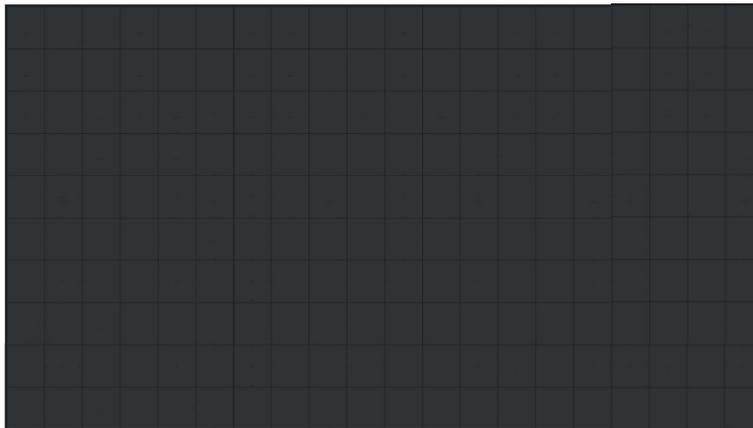
② Serial number label on cabinet and module: Each cabinet has a label in the upper right corner (inside), which represents the corresponding position of cabinet installed during factory calibration. Each module (back) also has a label of serial number. For example, the number 4 in 4-8 on the module represents

that it is the module installed in cabinet No. 4 during factory calibration, and number 8 represents the position of this module in cabinet No. 4.

1-1	1-2	1-3	1-4	6-1	6-2	6-3	6-4	11-1	11-2	11-3	11-4	16-1	16-2	16-3	16-4	21-1	21-2	21-3	21-4
1-5	1-6	1-7	1-8	6-5	6-6	6-7	6-8	11-5	11-6	11-7	11-8	16-5	16-6	16-7	16-8	21-5	21-6	21-7	21-8
2-1	2-2	2-3	2-4	7-1	7-2	7-3	7-4	12-1	12-2	12-3	12-4	17-1	17-2	17-3	17-4	22-1	22-2	22-3	22-4
2-5	2-6	2-7	2-8	7-5	7-6	7-7	7-8	12-5	12-6	12-7	12-8	17-5	17-6	17-7	17-8	22-5	22-6	22-7	22-8
3-1	3-2	3-3	3-4	8-1	8-2	8-3	8-4	13-1	13-2	13-3	13-4	18-1	18-2	18-3	18-4	23-1	23-2	23-3	23-4
3-5	3-6	3-7	3-8	8-5	8-6	8-7	8-8	13-5	13-6	13-7	13-8	18-5	18-6	18-7	18-8	23-5	23-6	23-7	23-8
4-1	4-2	4-3	4-4	9-1	9-2	9-3	9-4	14-1	14-2	14-3	14-4	19-1	19-2	19-3	19-4	24-1	24-2	24-3	24-4
4-5	4-6	4-7	4-8	9-5	9-6	9-7	9-8	14-5	14-6	14-7	14-8	19-5	19-6	19-7	19-8	24-5	24-6	24-7	24-8
5-1	5-2	5-3	5-4	10-1	10-2	10-3	10-4	15-1	15-2	15-3	15-4	20-1	20-2	20-3	20-4	25-1	25-2	25-3	25-4
5-5	5-6	5-7	5-8	10-5	10-6	10-7	10-8	15-5	15-6	15-7	15-8	20-5	20-6	20-7	20-8	25-5	25-6	25-7	25-8

Front View

Below diagram shows the finished effect of a whole screen.



4. Control System

4.1 Input Voltage Requirement

The input voltage should be 110V/220V/± 10%, frequency 50HZ ~ 60HZ, consisting with the display power supply voltage.

4.2 Controller Parameter

(1) Controller Description

LED small pitch products customized project comes standard with the CRN PCON 200 Pro controller, which is a built-in Android operation system, supporting 2-way HDMI external inputs and synchronous or nonsynchronous controller with 6-way RJ45 gigabit network port outputs. The maximum input resolution is 1920*1220@60Hz. Turn off all screens and devices before connecting.



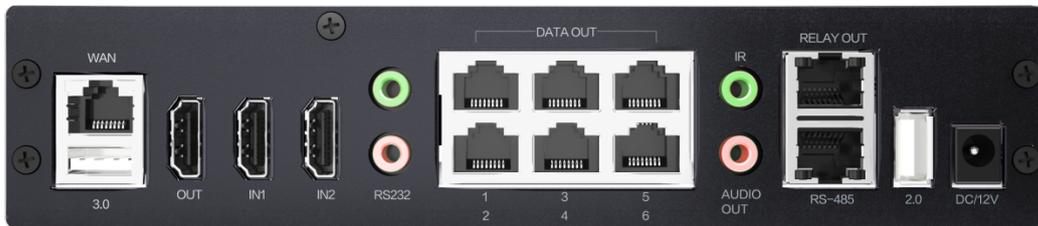
(2) Port Description

1) Front Button Panel



No.	Name	Function
1	Power button	<p>Power-off state: short press to turn on</p> <p>Standby state: short press to wake up the screen</p> <p>Power-on state: short press to start standby mode (rest screen)</p> <p>Power-on state: long press for 3-5 seconds to turn down</p>

2) Front Panel



Input Port		
Type	Quantity	Description
HDMI IN	2	HDMI 1.4
Output Port		
Type	Quantity	Description
HDMI OUT	1	HDMI 2.0
Network port	6	<p>6-way Gigabit Ethernet port output, using standard RJ45 interface</p> <p>Single network port loading area: 650,000 pixel dots</p>
Control Port		
Type	Quantity	Description
IR	1	Use standard 3.5mm headphone jack to realize long-distance IR signal transmission through audio male-to-female extension cable

AUDIO OUT	1	3.5mm audio output port
WAN	1	WAN port, can be connected to the host computer or LAN/public network to conduct program publishing and screen control
RELAY OUT	1	Extended port, used for ON/OFF control, and etc.
RS-485	1	Protocol port, used for brightness sensor connection
RS232	2	Can be connected to the central control system, and used for multi-units cascade application
USB 3.0	1	Used for USB flash drive connection, support reading and playing multimedia files and firmware upgrade
USB 2.0	1	Used for USB flash drive connection, support reading and playing multimedia files and firmware upgrade
Power Input Port		
DC/12V	1	DC/12V Power input port

3) Available Audio & Video Formats

- ① support MPEG1、MPEG2、MPEG4、H.264、WMV、MKV、TS、flv and etc.;
- ② support MP3 and etc.;
- ③ support JPG、JPEG、BMP、PNG、GIF and etc.;

4) Load Capacity

- ① Support maximum resolution 1920*1200@60Hz,the maximum loading area of a single device is 2.3 million pixels;
- ② The widest range and the highest range both can up to 3840;
- ③ Single network port carrying area: 650000 pixels;
- ④ Single network port can carry up to 128 module control boards.

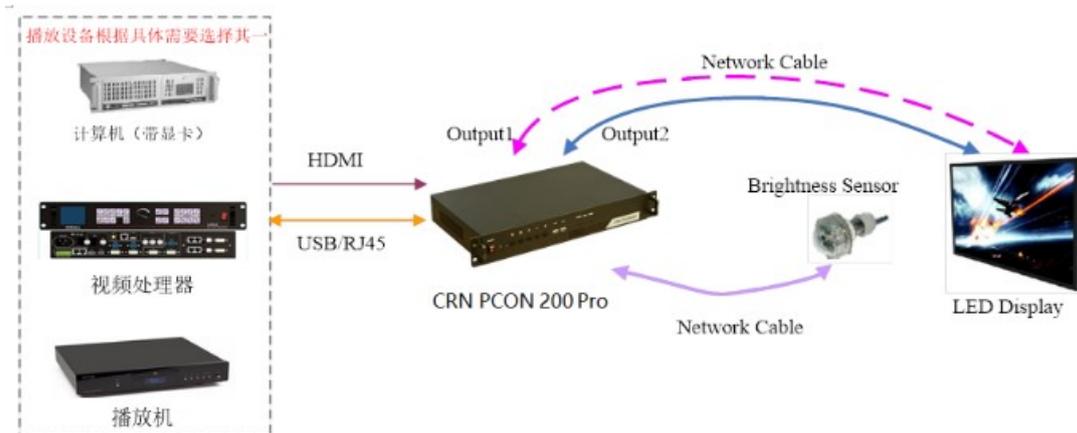
5) Configuration Software

The controller shall work with MaxConfig control software, which is used for

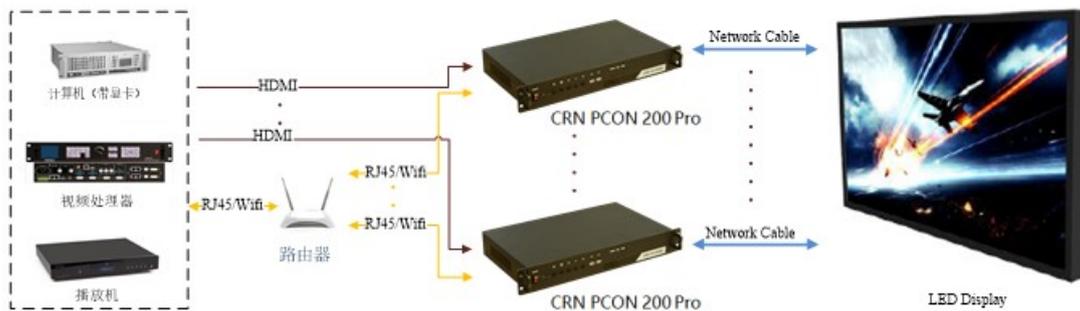
screen information configuration and displaying effect adjustment

4.3 System Connection Diagram

System connection diagram is shown below:



Single-device Connection



Multi-device Connection

Note:

- ① When the wireless network is connected, user shall manually open CRN PCON 200 Pro Wi-Fi switch, and meanwhile the Wi-Fi AP hotspot will be turned off automatically.
- ② Turn off all screens and devices before connection.
- ③ After all connections are completed, power the controller and computer or

other devices firstly, and then turn other devices on.

4.4 Safety Precautions

① Before the screen is powered on, the cables connection between cabinets, main cables and other cables must be checked without wrong connection, reverse connection, short circuit, circuit break, loosening, etc., and tested with multimeter and other tools. Before any maintenance of the screen, please disconnect all the power supply inside the screen to ensure the safety of personnel and the equipment. All equipment and cables are forbidden to operated under live electrical work.

② Do not hardly pull out and insert power cord, cable and other wires, or lay heavy objects on the power cord, signal cable, communication cable, etc. Avoid trampling or squeezing the cables. Unqualified or self-added cables should not be indiscriminately connected inside the screen.

③ In order to avoid the fire caused by the overload of power cords, do not overloading the product. Please refer to the maximum power consumption of the product and avoid turning on all load switches at the same time. Otherwise, it is easy to cause high peak voltage and may cause fire.

4.5 Screen Configuration

(1) Software Installation

open the USB flash drive delivered with product on computer, click the file folder

named **【Software】** , and install MaxConfig.exe control software as shown below:



(2) Screen Configuration

Load corresponding configuration files through MaxConfig to configure screen.

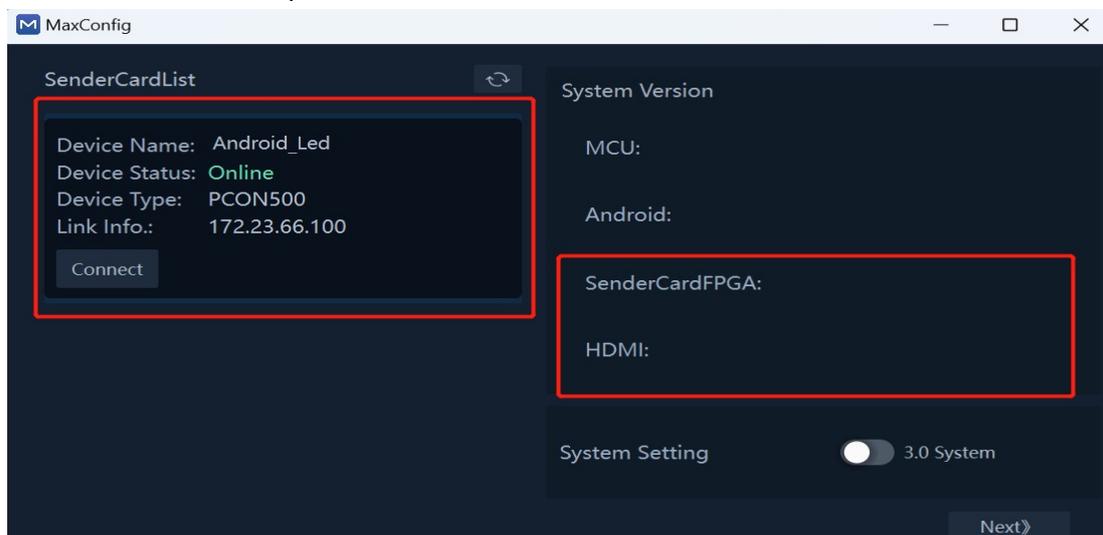
The MaxConfig software is divided into two operating modules: Screen On Wizard and Professional Debug.



Screen On Wizard

(1) Operation steps:

Step 1: Enter the interface to connect the transmitter card, send the transmitter card FPGA and HDMI parameter files



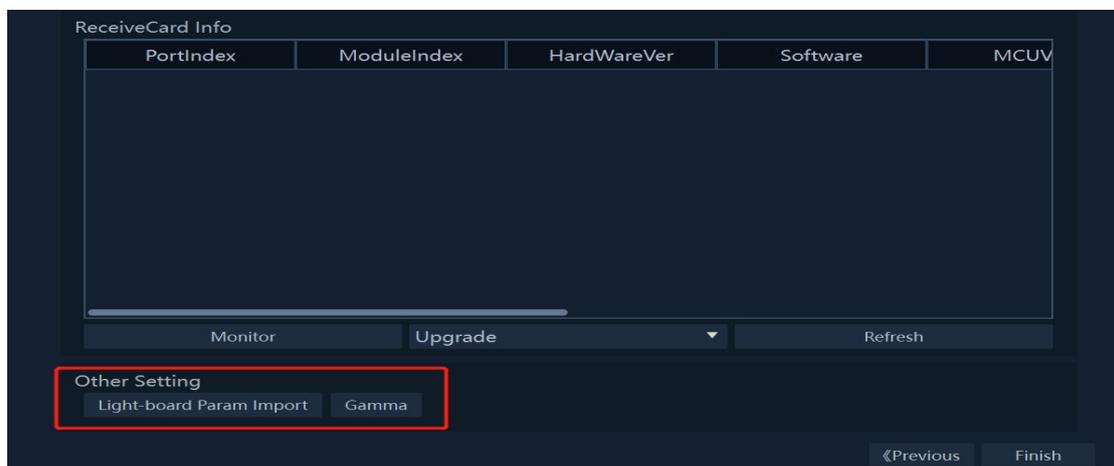
Step 2: Set the number of rows and columns of cabinets and the resolution of single cabinet



Step 3: Set the Ethernet port for cabinet and connection relationship, and click Send to send the cabinet set parameters



Step 4: Import LED panel parameters, Gamma parameters, and complete screen light on

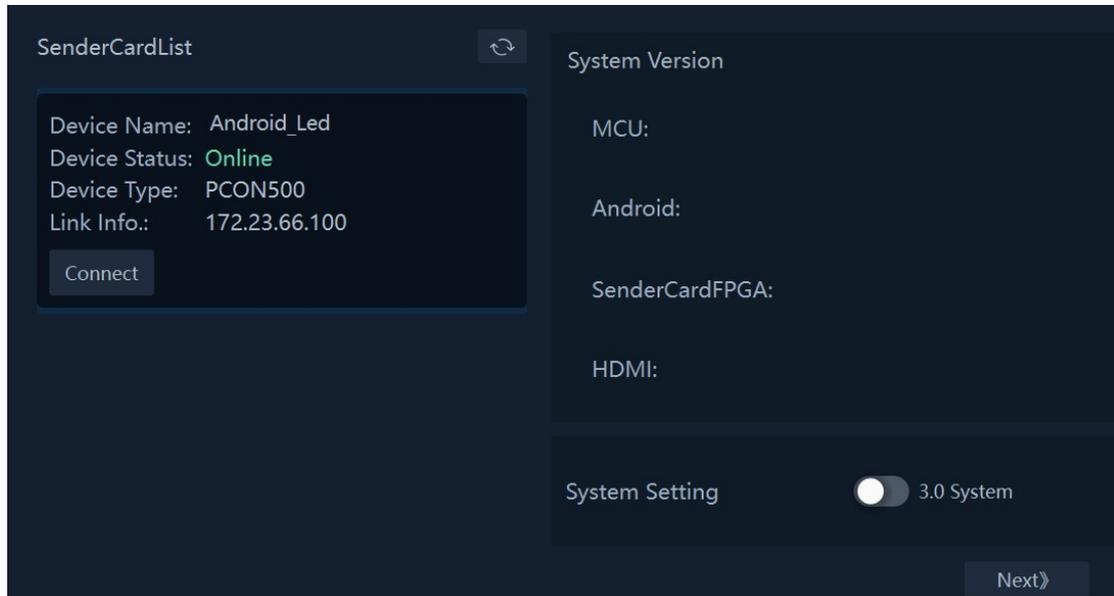


(2) Function introduction

① Transmitter card

Supported functions:

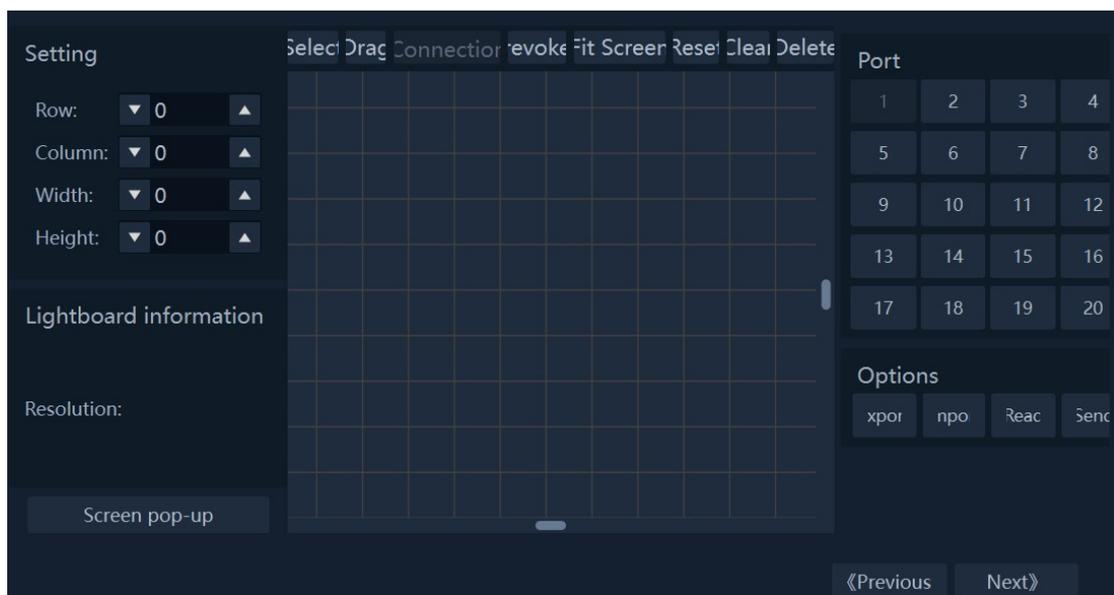
- 1) Transmitter card list; 2) System version upgrade; 3) System settings



② Connection relationship editing

Supported functions:

- 1) Connection relationship setup; 2) Screen pop-up, select, screen adaptation, reset, clear connection, delete empty cabinet, connection relationship reading, send, import, export; Connection relationship can be edited in the view area.

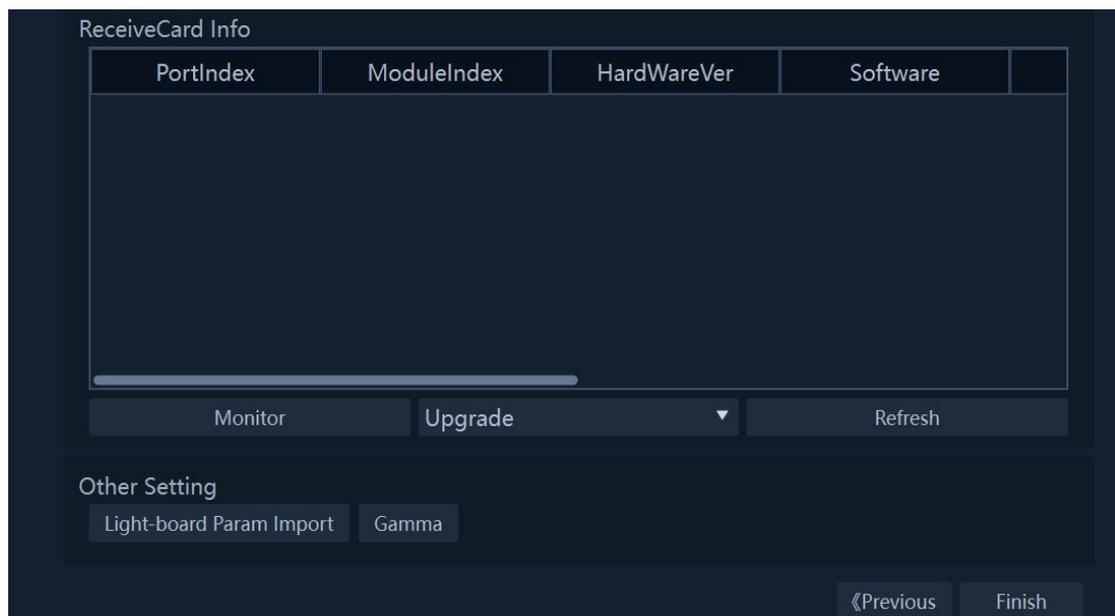


③ Receiver card

Supported functions:

- 1) Receiver card parameters import; 2) Receiver card program upgrade; 3)

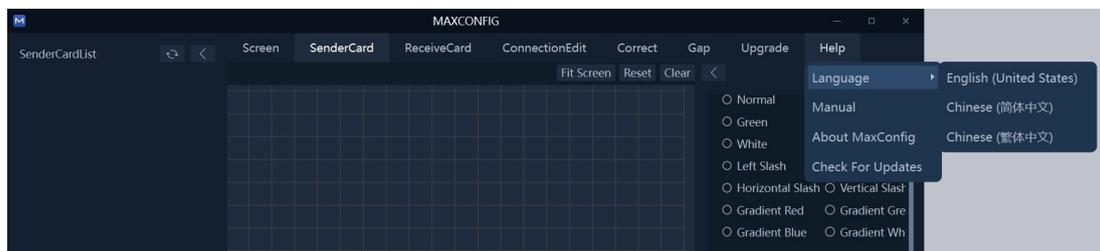
Gamma settings; 4) Receiver card information list; 5) Monitoring information.



Professional debugging

Go the main interface, click “Help” to bring up the main menu of software information (the help menu includes language settings and software version information).

The software menu is displayed as follows:

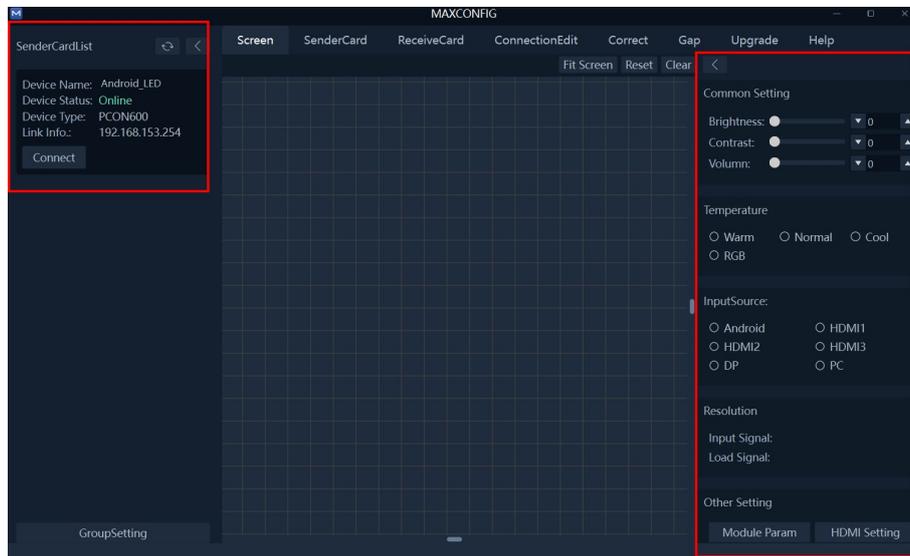


- 1) Language
- 2) After the software is installed, the system automatically selects the corresponding language based on the operating system. You can also use this menu item to change the language.
- 3) Instructions for use
The user manual pops up when you select the instructions.
- 4) About MaxConfig
Click About in the main menu to view the software information:



Screen Mode

When the MaxConfig software is opened, the software interface is displayed as follows:



Software Functions List:

No.	Function Name	Function Description
Screen, transmitter card section		
1	Product information	1. Display the connection status and LED product information, including signal and software version; 2. Software upgrade and calibration related settings
2	Input source settings	Adjust video source settings
3	Brightness	Adjust the brightness of LED screen
4	Contrast	Adjust the contrast of LED screen
5	Volume	Adjust the volume of LED screen
6	Color temperature	Adjust and test the color temperature of the LED screen

7	Others	Set module parameters, HDMI settings, brightness strategy
8	Group control	Set main control to achieve synchronous adjustment of brightness, contrast, color temperature
9	Transmitter card – test mode	Computer out test mode or device out test mode, and advanced test mode
10	Preset saving	Custom split screen preset saving
Receiver card		
11	Import and export	Import and export the parameters of the receiver card and the indicator board
12	Gamma	Select Gamma file upgrade
13	Information + refresh	Monitor the hardware version, software version, protocol version, packet loss rate, and bit error rate
14	Monitoring	Monitor Ethernet port sequence, cabinet sequence, voltage, and temperature
15	Register read and write	Professional and technical personnel can operate
Connection relationship editing		
16	Product type selection	Select current product that can be an all-in-one machine or engineering screen
17	Product model selection	Select the current product model, including the existing product model and custom model.
18	Cabinet information	The number of rows and columns and dimensions of the cabinet of the selected model
19	Ethernet port	Select the Ethernet port for which the connection relationship is designed
20	Ethernet port with load	Display the current Ethernet port load status
21	Read back	Read back the current connection relationship
22	Send	Send the designed connection relationship
23	View area	The left view area is used to display and set the connection relationship of the selected device model.
24	Import and export	Import and export connection relationship
25	Screen resolution settings	Set the screen resolution
26	Monitoring	Display and set monitoring information. Display the configuration of monitoring items and monitoring contents
27	Load cabinets with different	The same controller can load products with different spacing

	spacing	
28	Backup	System loop backup
Calibration		
29	Enable calibration	Enable calibration function.
30	Refresh data	Save the LED panel calibration data to the cabinet bridge board
31	Cabinet calibration data	Send single cabinet calibration data
32	Full screen calibration data	Send full screen calibration data
33	Calibration data sending position information	Provide the capability to specify the starting point and size of the calibration data sending position on the screen, for sending calibration data for large screens
Upgrade		
34	System version information	Display the software version information of the current product (Android, transmitter card, HDMI)
35	Upgrade	Select upgrade “Type” and select corresponding upgrade “File” to upgrade
36	Percentage tip	The upgrade progress bar indicates that the upgrade is 100% complete

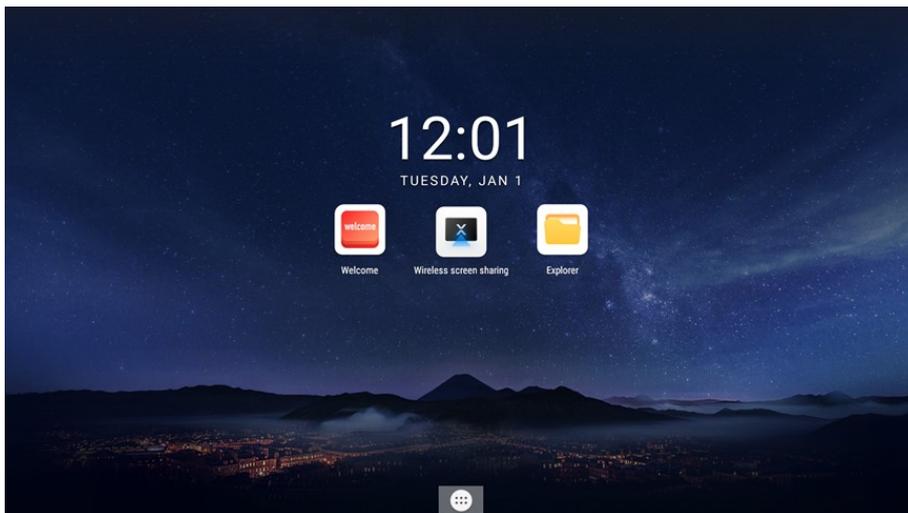
Note: more software operation details see MaxConfig Software Instruction Manual delivered with project.

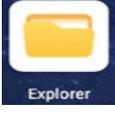
5. Common Functions

5.1 Start up

- ① Plug in the power supply;
- ② Press the one-button start up button on the bottom of the control unit to wait for a few seconds and then the display will automatically enter the main interface.

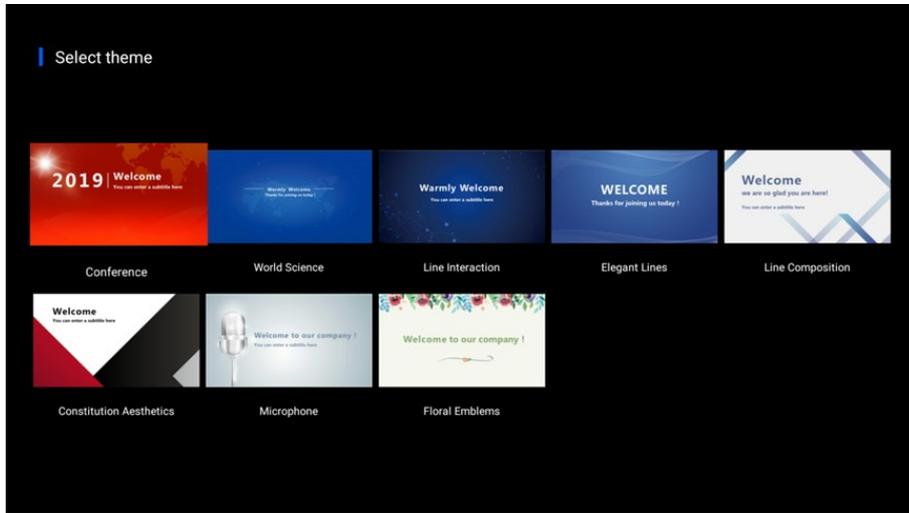
5.2 Main UI



- ①  The Welcome, which contains built-in templates and welcome themes;
- ②  The Screen Share, which is the icon accessing operational prompt interface of screen share;
- ③  The Explorer, which is the icon accessing internal memory management files;
- ④  More Application, which is the icon accessing interfaces of more

applications.

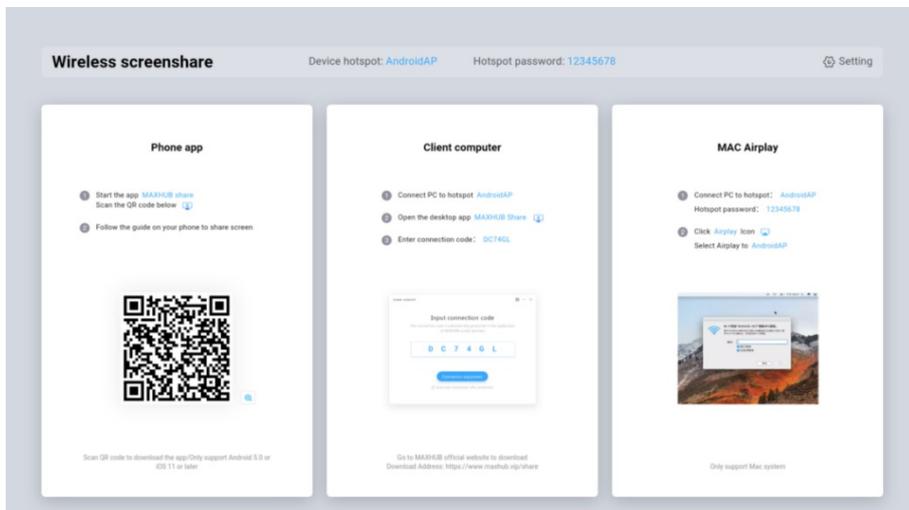
(1) Welcome Interface



It contains built-in multi-style templates in which pictures and welcoming words can be customized, and style, color, location and others of text can be modified, which make the creation of welcoming words simpler and more creative;

(2) Screen Share

MAC or Windows system computer, mobile phone, tablet device can realize screen share function on the all-in-one display. Open Wireless screen share by clicking the icon on main interface with USB-connected mouse as show below:



1) Computer Screen Share

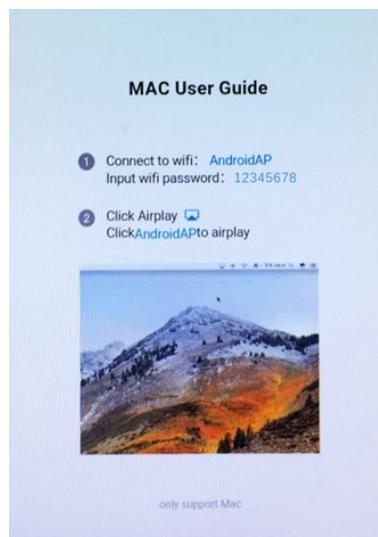
① MAC System Device Wireless Screen Share

- a. Connect the all-in-one LED display Wi-Fi hotspot.

Name: LED_AIO_917e

Password: 12345678

- b. Follow the instructions and video demonstration in the MAC User Guide of the wireless screen share interface, as shown below:



② Windows System Device Wireless Scree Share

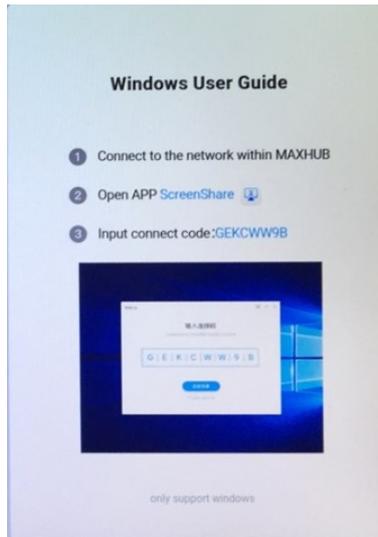
- a. Download and install the screen assistant application software.

Connect the all-in-one LED display Wi-Fi hotspot.

Name: LED_AIO_917e

Password: 12345678

- b. Open the desktop application screen assistant.
- c. Enter the connection code GEKCWW9B to enter, as shown below:



2) Mobile Phone Screen Share

① Android system mobile phone

- a. Connect the all-in-one LED display Wi-Fi hotspot.

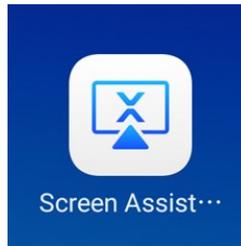
Name: LED_AIO_917e

Password: 12345678

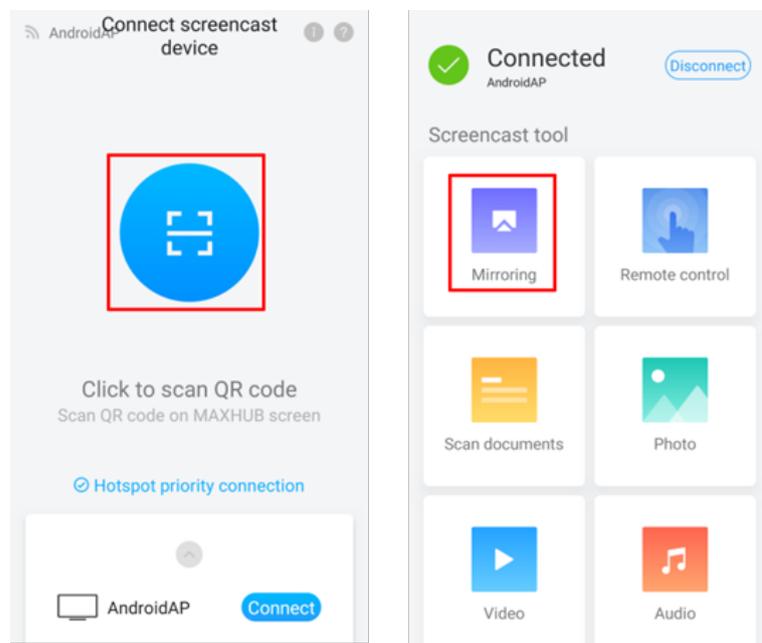
- b. Scan the following QR code to download the mobile app screen assistant.(Note: This step is required for the first time. If you already have the APP, you can skip this step).



-
- c. Open the Screen Assistant and start to share screen, as shown below:



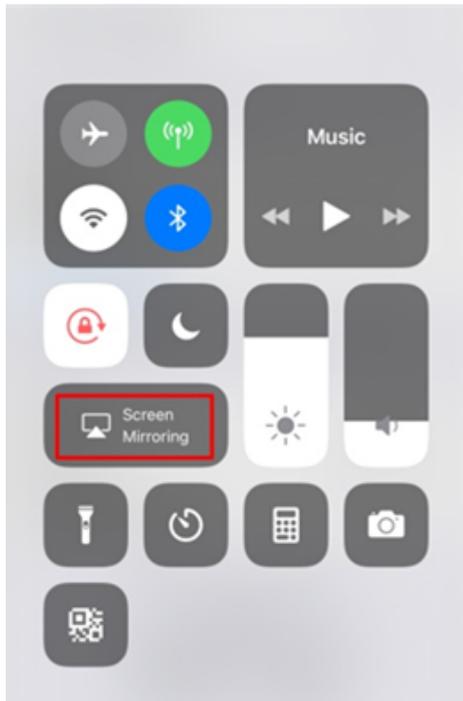
- d. Scan QR code and then click mirroring to select AndroidAP to start screen sharing, as shown below:



Note: select screen sharing link if there is no QR code.

- 3) iOS system mobile phone:

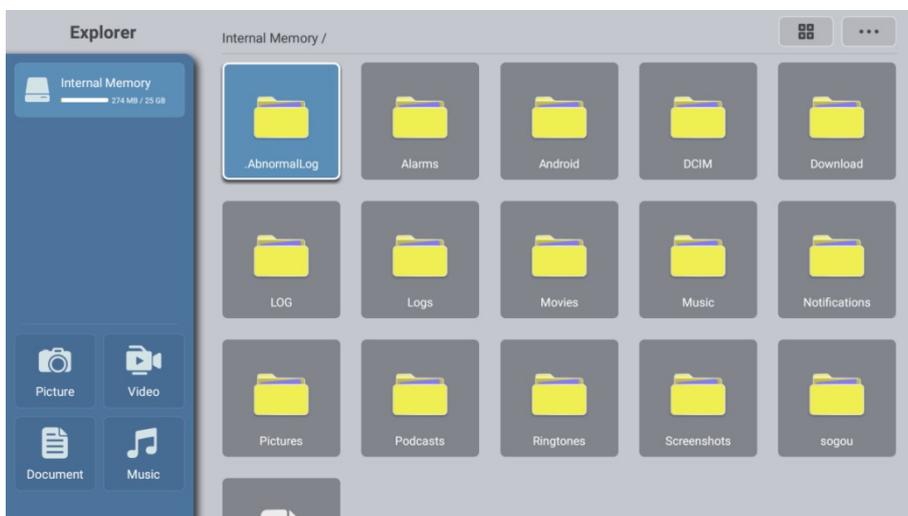
Pull out the menu from the bottom of the phone, click on the Screen Mirroring to select LED_AIO_917e, and start to screen mirroring, as shown below:



- 4) Multi Terminals Simultaneous Screen Share First, one terminal (such as a mobile phone, a tablet, or a computer) completes the screen share operation, and another terminal (computer) shall be inserted into the wireless screen transmitter and long-pressed to realize multi terminals screen sharing simultaneously.

External Device HDMI Display.

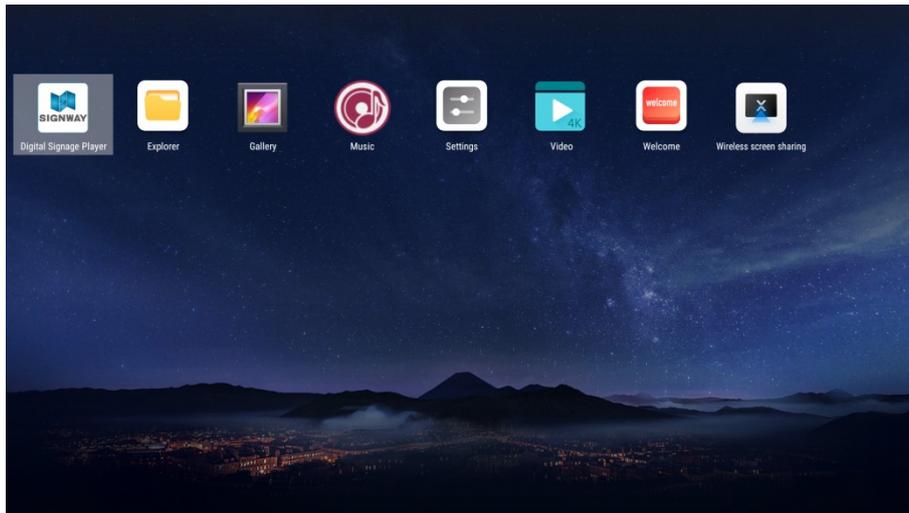
(3) File Management



Open Explorer to start file management;

If the device has been connected to the USB flash drive, user shall find corresponding one to read file.

(4) More Applications



The product has built-in video player, image gallery and other software, which can play pictures or video files come with original system or in the USB flash drive.

5.3 USB input

- ① Connect USB flash drive, mouse and keyboard to USB interface;
- ② Mouse and keyboard are available to be used directly after being connected to USB interface;
- ③ If it is necessary to check the information of USB flash drive, the files can be read by accessing resource manager at the bottom of the main UI of system.

Note: if the screen cannot display normally after inserting USB flash drive, copy the media file to Android card path of the screen and play it again.

5.4 HDMI input connection

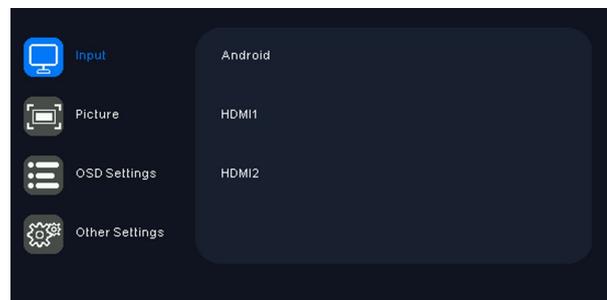
- ① Connect a device having the HDMI output such as a computer by an HDMI cable;
- ② Press channel switch button (on the machine or remote control) to switch to HDMI display channel.

Note: common HDMI cable transmission distance shall be less than 5 meters.

Apply fiber HDMI cable for long distance transmission.

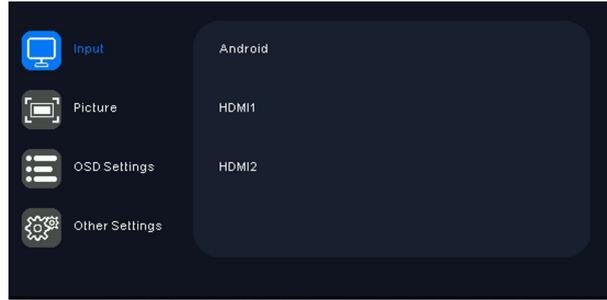
5.5 OSD Menu Functions

Call up the menu through remote control or the “menu” option on the MaxConfig mobile application - remote control function:



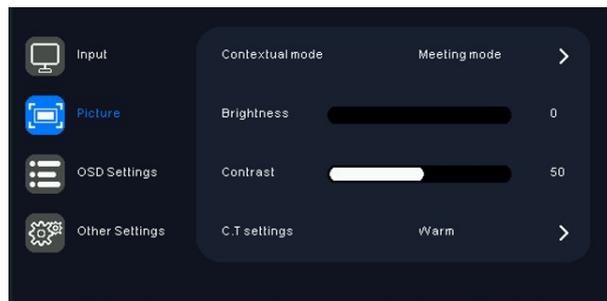
(1) Input Signal Setting

- ① Select “signal input” setting by remote control or find it in the “menu” option on the MaxConfig mobile application-remote control function.
- ② Select and set the input source to be accessed by “OK” and “Up & Down” buttons on the remote control, or options on MaxConfig setting page.



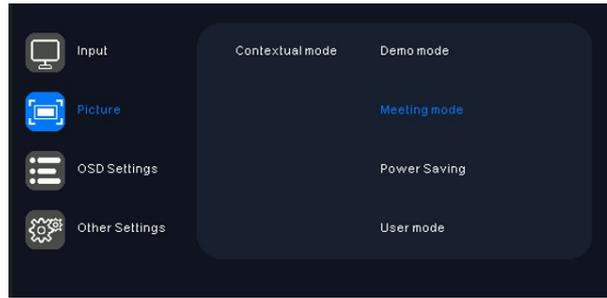
(2) Picture Quality Setting

- ① Select “picture quality” setting by remote control or find it in the “menu” option on the MaxConfig mobile application-remote control function.
- ② Set scene mode, brightness, contrast, color temperature and aspect ratio to achieve ideal picture quality for various application scenarios by “OK” and “Up & Down” buttons on the remote control, or option bars on MaxConfig setting page.



(3) Scene Mode Setting

- ① Select “scene mode” by remote control or find it in the “picture setting” of “menu” option on the MaxConfig mobile application-remote control function.
- ② Enter the page to select demonstrate mode, meeting mode, power saving mode, user mode for onsite needs by “OK” and “Up & Down” buttons on the remote control, or option on MaxConfig setting page.



(4) Color Temperature Setting

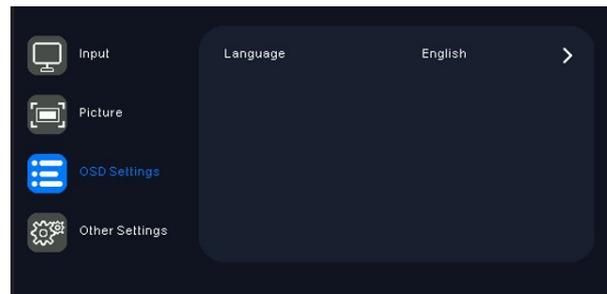
- ① Select “color temperature” by remote control or find it in the “picture setting” of “menu” option on the MaxConfig mobile application-remote control function.
- ② Enter the page to select nature, design, warm color, cold color and user mode for onsite needs by “OK” and “Up & Down” buttons on the remote control, or option on MaxConfig setting page.



(5) Menu Setting

① Select “menu setting” by remote control or find it in the “menu” option on the MaxConfig mobile application-remote control function.

② Enter the page to select language, menu horizontal position and menu vertical position for onsite needs by “OK” and “Up & Down” buttons on the remote control, or option on MaxConfig setting page.



(6) Language Setting

① Select “menu setting” by remote control or find it in the “menu” option on the MaxConfig mobile application-remote control function.

② Enter the page to select language, menu horizontal position and menu vertical position for onsite needs by “OK” and “Up & Down” buttons on the remote control, or option on MaxConfig setting page.

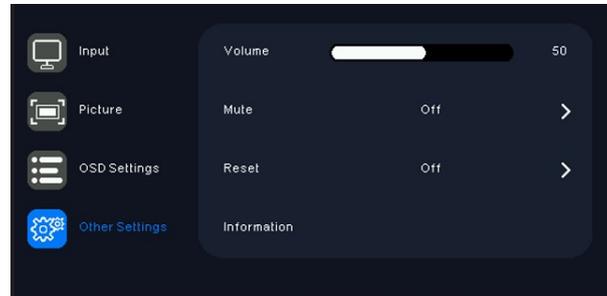


(7) Other Settings

① Select “other settings” by remote control or find it in the “menu” option on the

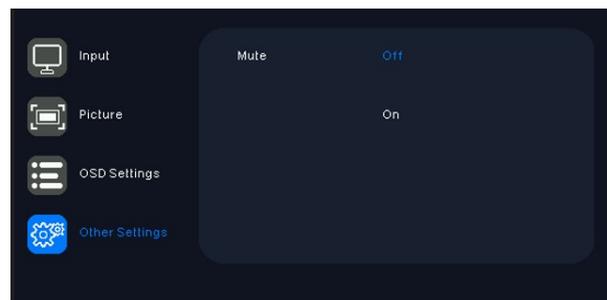
MaxConfig mobile application-remote control function.

② Enter the page to select volume, mute and reset for onsite needs by “OK” and “Up & Down” buttons on the remote control, or option on MaxConfig setting page.

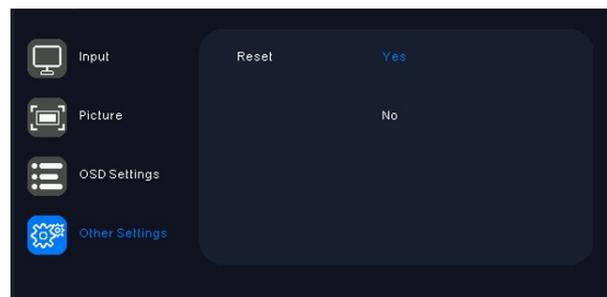


1) Select “volume” to adjust sound volume according to application scenarios. Shortcut button can also be found on the remote control.

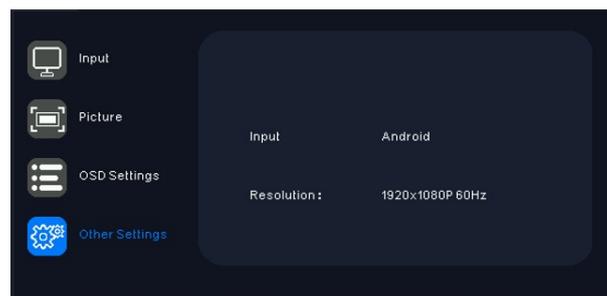
2) Select “mute” set the function.



3) Select “reset” to set the function.



4) Select “information” to view the basic screen information including input signal port and output resolution.



6. Common Hardware Faults Troubleshooting

(1) Partial screen is black after power on

① Check whether the network cable inside the cabinet is disconnected or in loose contact.

② Check whether the power cord inside the cabinet is disconnected or in loose contact.

(2) Black indicator

① Check if the power supply is normal.

② Check if the display on/off switch is turned on.

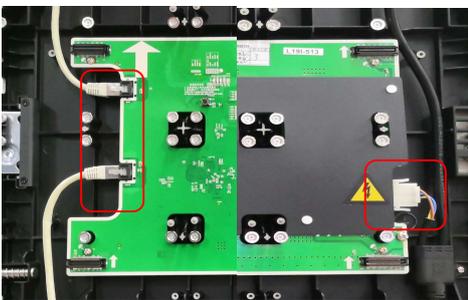
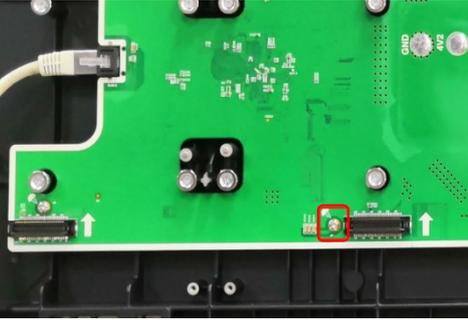
(3) No Image display after connect PC to Screen with HDMI

① Check current channel is on the HDMI one;

② Check whether the HDMI cable is properly connected.

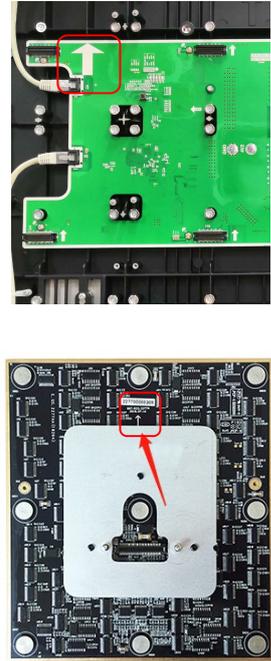
7. Parts Replacement

7.1 2-in-1 Board Replacement

Step	Diagram	Method
Step 1	 A photograph showing the green 2-in-1 board installed inside a black cabinet. The board is populated with various components, including capacitors and integrated circuits. A yellow warning triangle is visible on the right side of the board.	Find location of fault cabinet and remove all modules.
Step 2	 A close-up photograph of the board. Two red boxes highlight specific connection points: one on the left side where a cable is plugged into a port, and another on the right side where a power cord is connected to a terminal block. A yellow warning triangle is also visible near the power connection.	Disconnect cables and power cords.
Step 3	 A close-up photograph of the board. A red box highlights a screw being removed from the bottom edge of the board. The board is green and has various components and markings.	Remove screws on the 2-in-1 board.
Step 4	 A photograph showing the board being reinstalled into the cabinet. The board is now secured with screws and the cables and power cords are reconnected. The yellow warning triangle is still visible.	Replace a new board and fix it to the cabinet with screws. Then connect cables and power cords, and install modules back.

7.2 Module Replacement

Step	Diagram	Method
Step 1		Find the specific location of fault module, and place the side surface of maintenance tool just below the module.
Step 2		Rotate the front maintenance tool upward and slowly transition from the arc surface to the bottom. After sucking the module, take out it in a parallel direction.

<p>Step 3</p>		<p>Hold the module with full palm and rotate the maintenance tool away from the module surface.</p>
<p>Step 4</p>		<p>Note that the arrow direction is upward when installing a new module back.</p>

8. Special Statement

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- The contents of this manual are for reference only and do not constitute a commitment of any kind.
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