



X-Poster Pro Series User Manual

(X181P-83P/ X251P-83P)

Thanks for buying our products.

In order for you to run the product safely and better, please read this manual carefully.

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Safety guide

	<p>Warning !</p> <p>Before installation, power supply, operation and debugging of this product.</p> <p>Be sure to read the safety measures in this section.</p>
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The following marks are used to mark important safety signals in this product and manual.

					
<p>Warning ! Flammable danger</p>	<p>Warning ! Surface scorching, Don't touch</p>	<p>Warning ! Dangerous voltage !</p>	<p>Warning ! Read the manual before operation</p>	<p>Warning ! Harm to eyesight</p>	<p>Warning ! Equipment safety risk</p>

	<p>Warning : Be sure to understand and follow all safety guidelines, safety instructions, warnings and precautions in this manual. This product is only for professional use ! This product may cause serious injury or even death due to burning, electric shock and falling.</p>
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	<p>Please read this manual carefully before installing, powering, running and debugging this product. We will revise and change the contents of the manual at any time without notice.</p> <p>Follow safety instructions in manual and product. If you have any questions, please ask after-sales staff for help.</p>
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	<p>Do not touch ! The LED lights used in the module are vulnerable to damage.</p>
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	<p>Warning : Manufacturers are not responsible for incorrect, inappropriate, irresponsible or unsafe system assembly behavior.</p>
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For detailed information on the collection, reuse and recycling of the product, please contact the local or regional waste management unit. For detailed information on the environmental performance of the company 's products, please contact us.



Beware of fire !

In order to avoid fire caused by power cable overload, circuit breakers or fuses should be used for protection.

- In order to avoid fire caused by power cable overload, do not overload. The maximum power of single screen is 2300W / screen.
- Do not post anything on the screen
- Do not modify the product, do not add or subtract parts. Do not use when the ambient temperature exceeds 40 degrees Celsius.



Beware of electric shock !

In order to prevent electric shock, the equipment must be grounded correctly during installation. Do not ignore the role of ground wire. Otherwise there is a risk of electric shock.

- In the event of lightning, disconnect the power connection of the device, or provide other applicable lightning protection. If the equipment is not used for a long time, power off treatment.



- Please power off before any installation and maintenance work.
- Please disconnect the AC power supply when not using the product, or before opening or installing the product.

The AC power supply used must meet the local building and electrical standards and must be equipped with overload and ground fault protection.

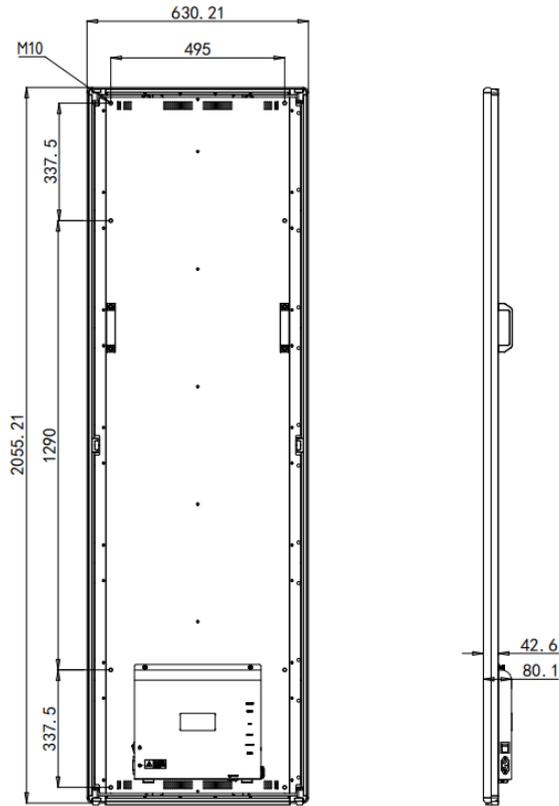
The installation position of the total power switch should be close to the product and in an obvious and easily accessible place. This can disconnect the power supply in time when a fault occurs.



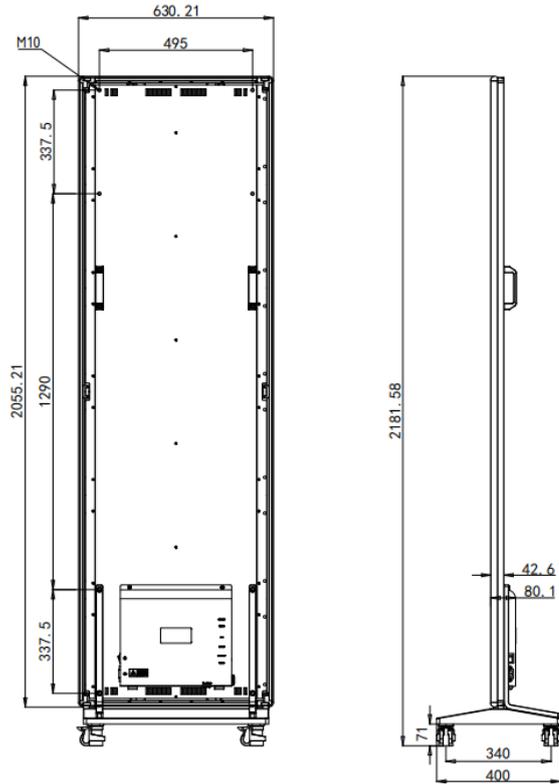
- Before using this product, check that all distribution equipment, cables and all connecting devices meet the current requirements.
- Use the appropriate power cord. Please use the appropriate power cord after budgeting the power and current of the power supply, and ensure that the power cord is not damaged, aged and wet.
- Discover any overheating phenomenon please replace immediately.
- Encounter other questions please consult with the industry.

Product accumulation size

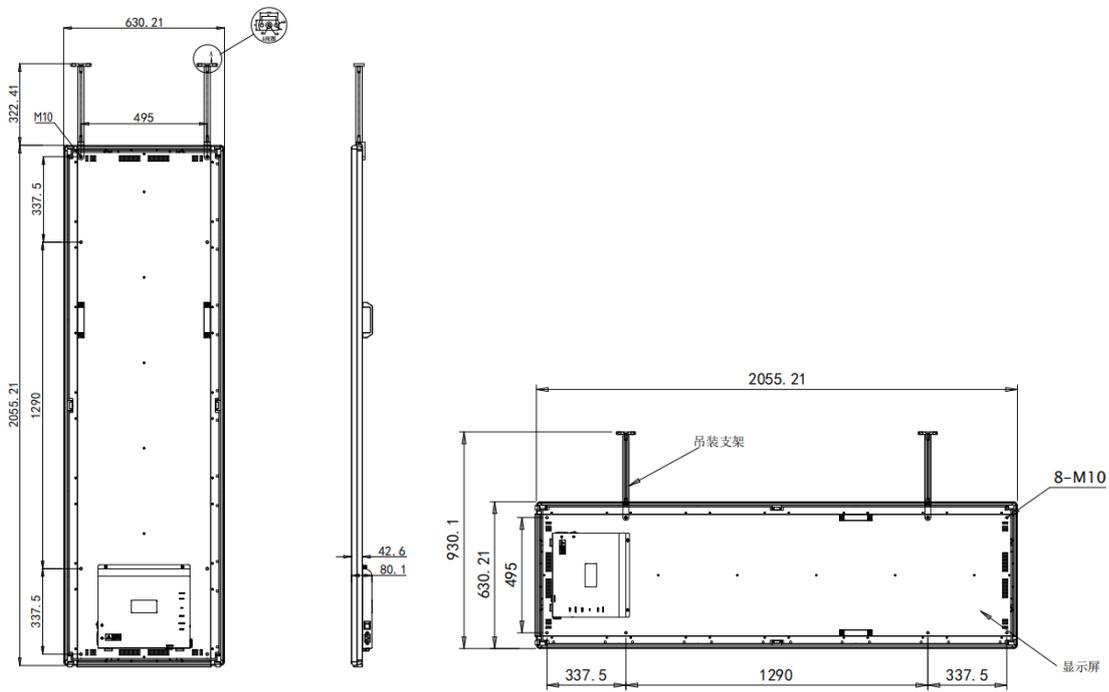
Structure size diagram (mm)



Mobile seat structure diagram



Vertical hoisting structure diagram



4 Horizontal hoisting structure diagram

Package and transport



Notes :

1.LED display in the transport, handling, storage strictly follow the outer packaging on the three-proof marking requirements, pay attention to bump waterproof moistureproof, drop, direction, etc.

2, LED display for fragile, easily damaged products, in the installation please do a good job of its protection, not to tap the lamp surface and module, box around, etc., to prevent damage due to impact, eventually causing it can not be installed or normal use.

The module, screen body and base are aircraft box packaging.

Whole machine integrated packaging transportation :



Fig. 6 Packaging schematic diagram of the whole aircraft box

Accessories Description

Standard accessories



HDMI

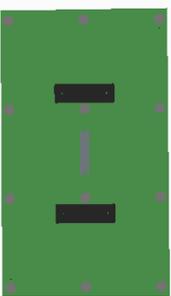


mesh wire



power line

Optional accessories



Spare module



receiver card



power supply



System main control board



Mounting pendants



lifting pendants

Installation steps

Mobile base

(1) The seated fixing rod is fixed on the base with screws (M10 * 50,4pcs).

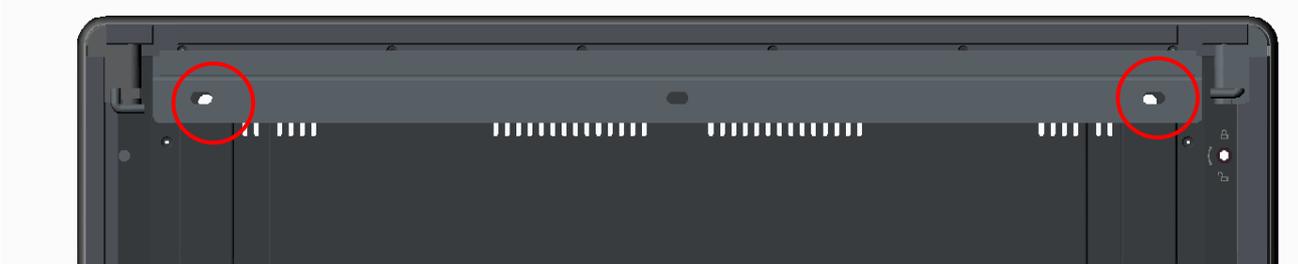


(2) The hole position of the base bracket is aligned with the hole position on the back of the screen body, and four fixed screws (M10 * 50,4pcs) are screwed.



Hanging wall installation

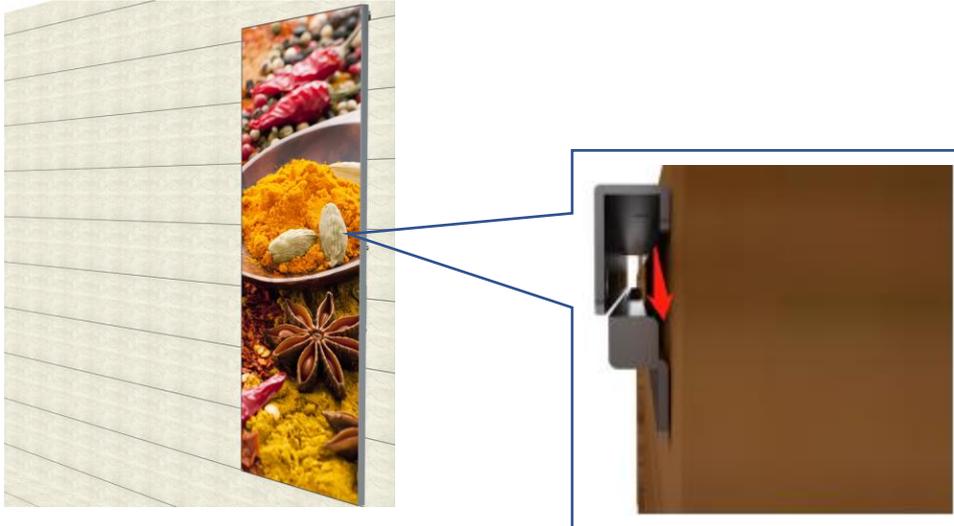
(1) The hanging wall hanging rod is fixed on the upper end of the back of the screen body by using screws (M10 * 25,4pcs).



(2) Determine the installation position, use bolts (M6 * 50mm, 6pcs) to fix the pendant horizontally on the wall, and the vertical height of the installation hole position and the ground is not less than 2 meters, and the installation load of the pendant is not less than 39 kg.



(3) The screen of the mounted hanging bar is hung on the wall, so that the hanging bar and the hanging bar bite each other to achieve the installation effect of the hanging wall.

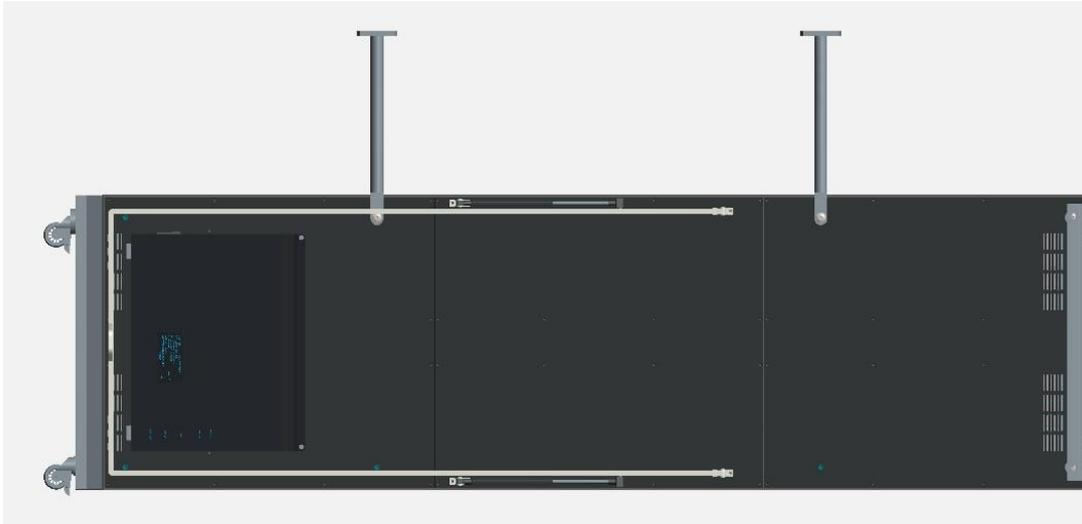


Hanging beam installation

(1) Installation steps : firstly, according to the hole size, the hole position is drilled on the ceiling, and the suspender is vertically installed on the ceiling by bolts (M10 * 25,2pcs). The suspender is fixed with the back of the screen body by screws (M10 * 60,4pcs) to realize hoisting and installation.



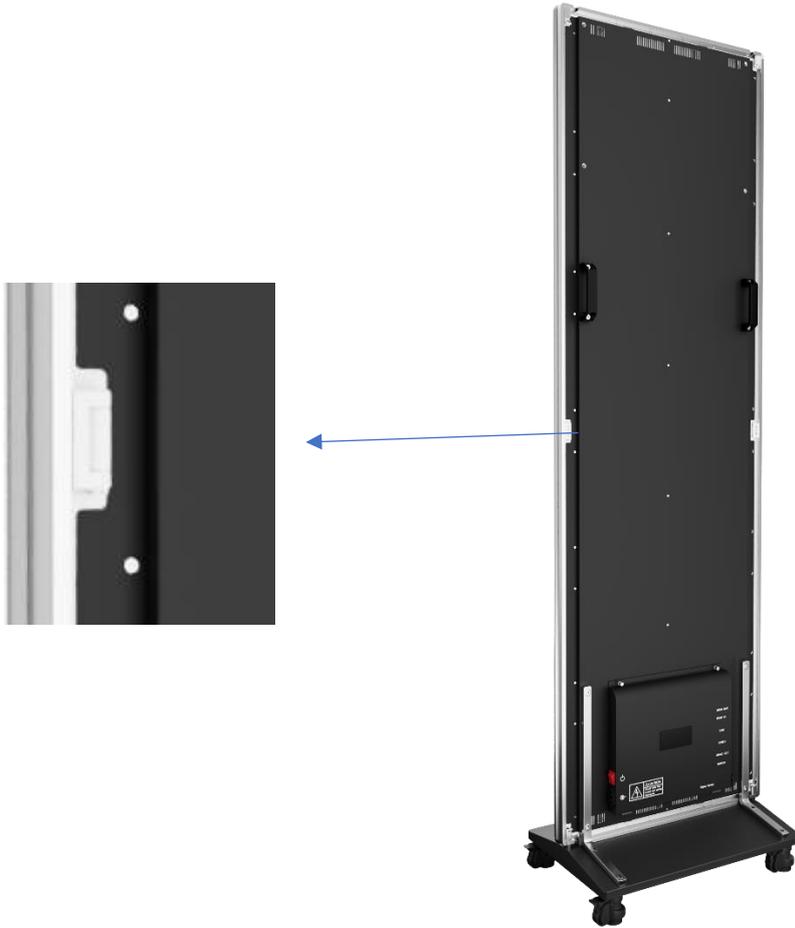
vertical lifting



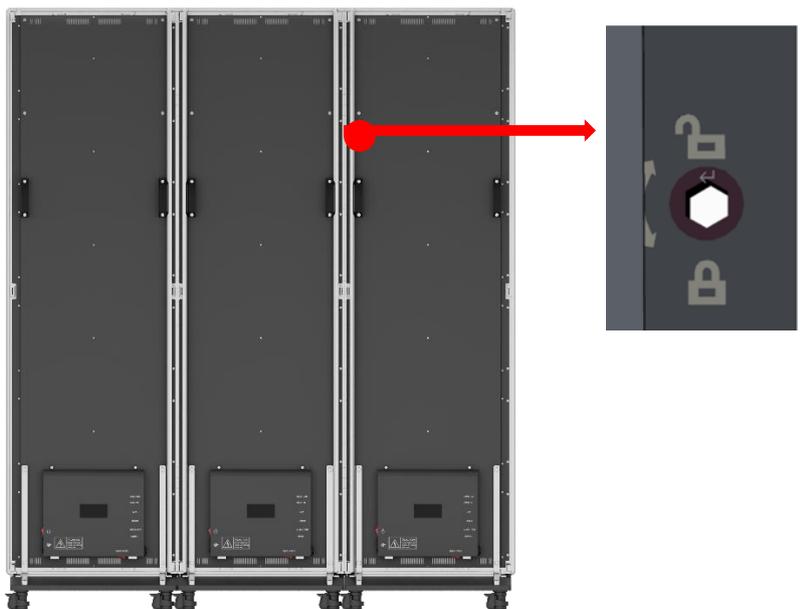
horizontal lifting

Multiple splicing installation

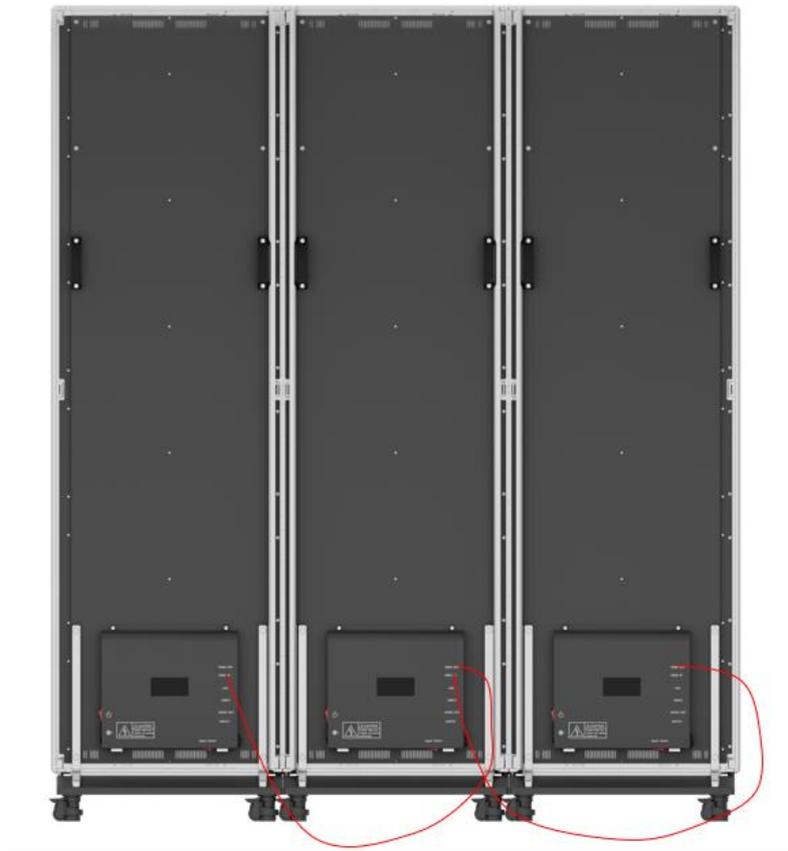
(1) The borders of each screen body to be spliced except the left and right sides of the large screen are opened to open the fixed pin lock rod below, and then the border is forced to open backward.



(2) Close each screen body to be spliced, and use a hexagonal wrench to lock the eagle hook at the middle splicing in a counterclockwise direction.



(3) Using the HDMI line, the HDMI OUT of the first screen on the left side is connected to the HDMI IN of the second screen. The HDMI OUT of the second screen is connected to the HDMI IN of the third screen, and so on, the number of screens within the 2k resolution large screen can be spliced.



(4) Use APP settings, the screen after the second block screen is set to synchronous playback mode, HDMI signal ; the first set output to 2K screen, you can achieve multi-screen seamless splicing settings.



Application and operation of broadcast control software



Notes :

- 1、 The operation steps are based on the product standard software and standard version, and the actual operation steps may be different. We will revise and change the contents of the manual at any time without notice.
- 2、 For more detailed operation, please refer to the specific software system instructions.
- 3、 If you need technical support during actual use, please contact us.

Download control software

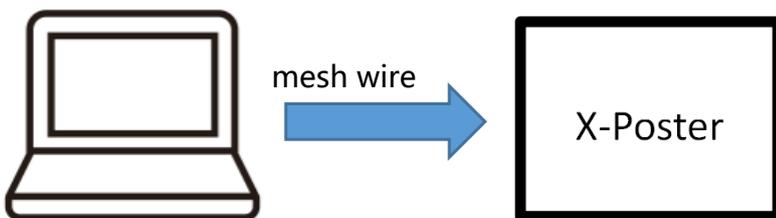
name	type	explanation	acquire mode
ViPlex Handy	mobile client	The mobile display management software, including Android and IOS, is	

		mainly used for display management, program editing and publishing.	
VNNOX	pc client	LAN display management software, only Windows version, mainly used for display management, program editing and publishing	www.novastar-led.cn

Connection X-Poster

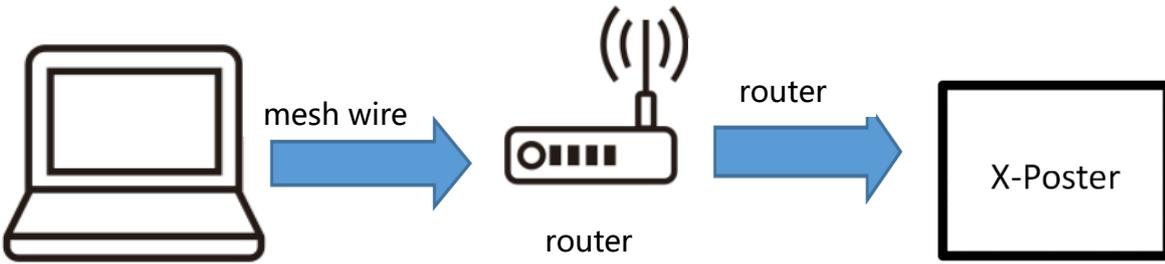
Direct connection of network cable

Required configuration : need to modify the local IP address, and open the software DHCP options.



Wired LAN connection

Required configuration : None



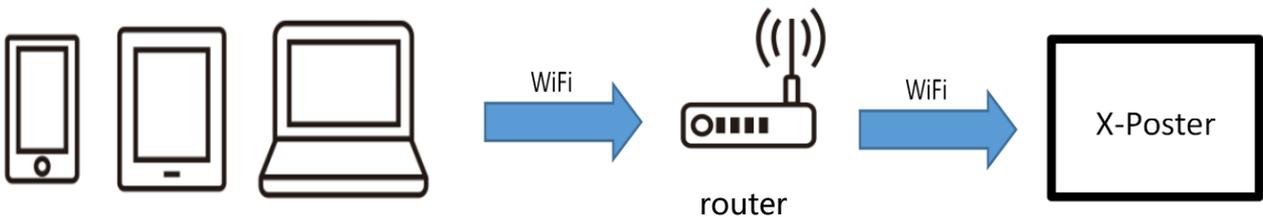
WiFi hotspot direct connection

Required configuration : None



Wireless lan

The required configuration : through the mouse and the display, enter the WiFi setting interface to connect the router.



Log on X-Poster

type of account	Default name	Default password
Connecting hot spots of X-Poster	AP name : AP + SN after 8 digits.	SN2008@+
Login to X-Poster 's system	admin	SN2008@+

1、 Mobile Device Login Steps

- When using WIFI hotspot direct connection, the device is connected to X-Poster 's WiFi AP.
- When using a wireless LAN connection, the device is connected to a router shared with X-Poster

Step 1 Open ViPlex Handy.

ViPlex Handy automatically detects the X-Poster all-in-one and refreshes the list of local devices. Users can also manually refresh the list of devices by sliding down.



: Indicates that X-Poster is online, you can log in, and perform step 3.



: Indicates that X-Poster is offline and cannot be logged on.

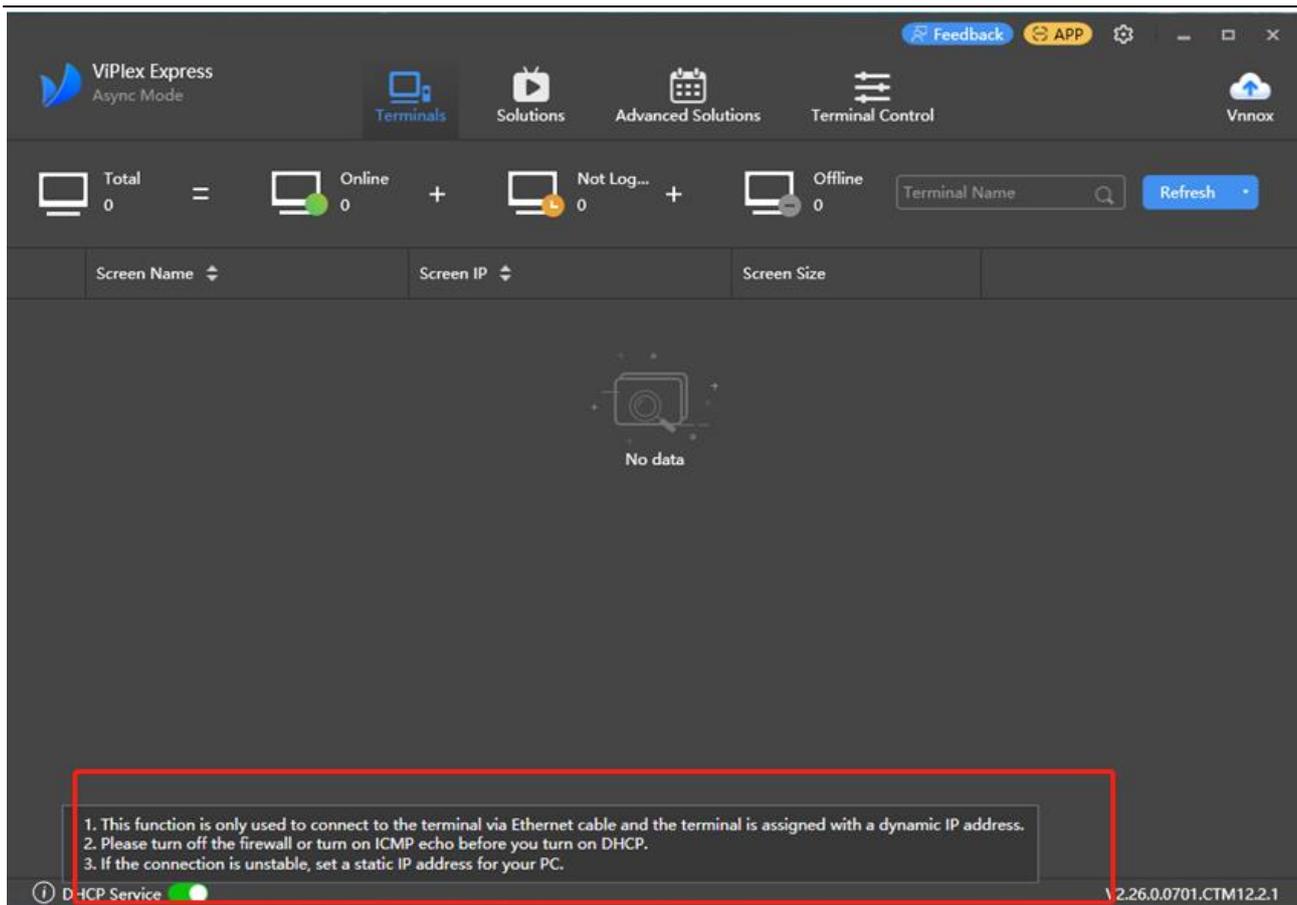
Step 2 ' Connection ' after the name of a single device'

Step 3 Enter the password of the ' admin ' user and click ' OK '.

2、PC login steps

Step 1 PC open screen sprite software

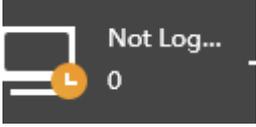
- When the network cable is directly connected, the PC port is connected with the X-Poster port using the network cable, and the DHCP service in the lower left corner of the software is opened.



- When using a wired LAN connection, the PC port is connected to a router connected to X-Poster using a network cable.
- When using WIFI hotspot direct connection, the device is connected to X-Poster 's WiFi AP.
- When using a wireless LAN connection, the device is connected to a router shared with X-Poster

Step 2 Click ' Refresh ' to refresh the screen list

After ViPlex Express detects X-Poster, it will try to log in automatically once using the default account or the last successfully logged-in account.

- 
 : Indicates that X-Poster is offline and cannot log in
- 
 : X-Poster online, can be logged in, Step 4
- 
 : Indicates that you have successfully logged in to X-Poster

Step 3 ' Connection ' after single screen body information'.

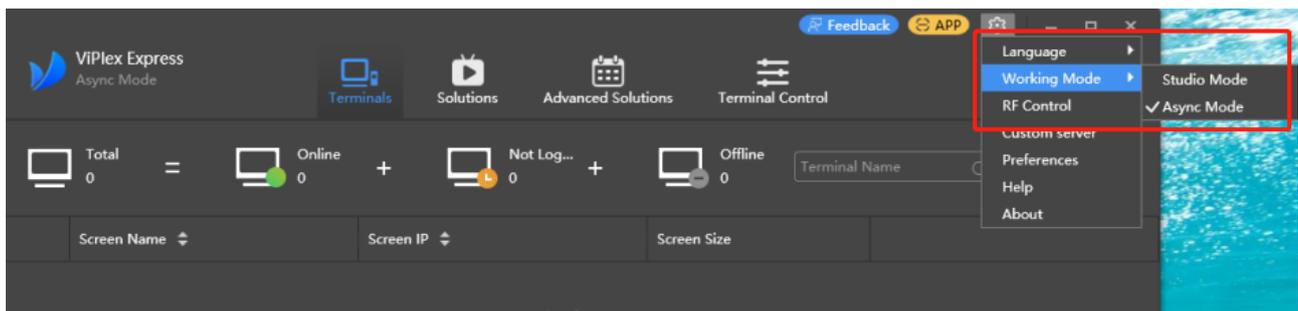
Step 4 Enter the ' admin ' user 's password, stand-alone ' OK '.

After successful login, the screen sprite automatically saves account information.

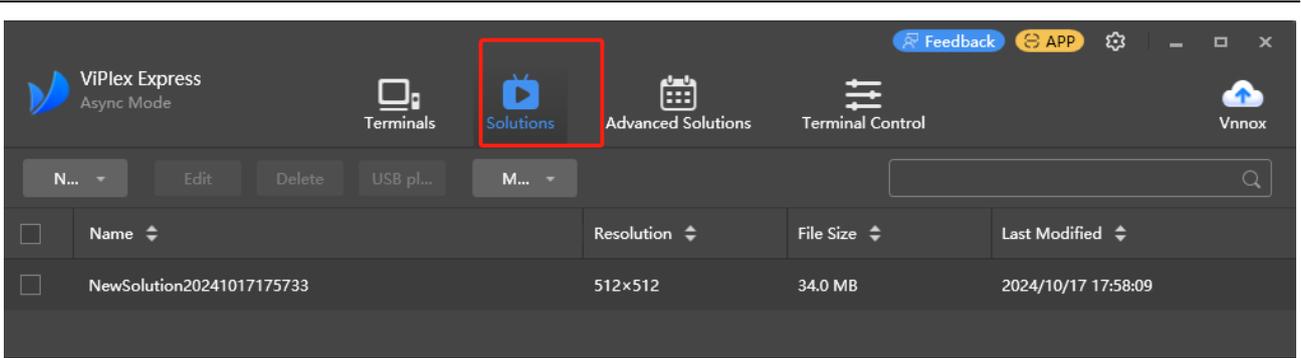
Instructions for the use of broadcast control software

(1) PC-side operation steps

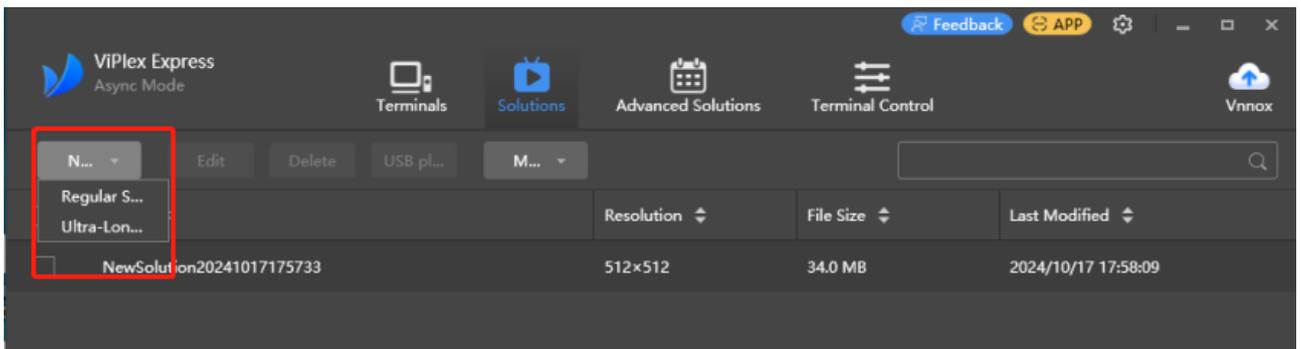
- 1、 Open the screen sprite software and select the working mode as ' asynchronous play '.



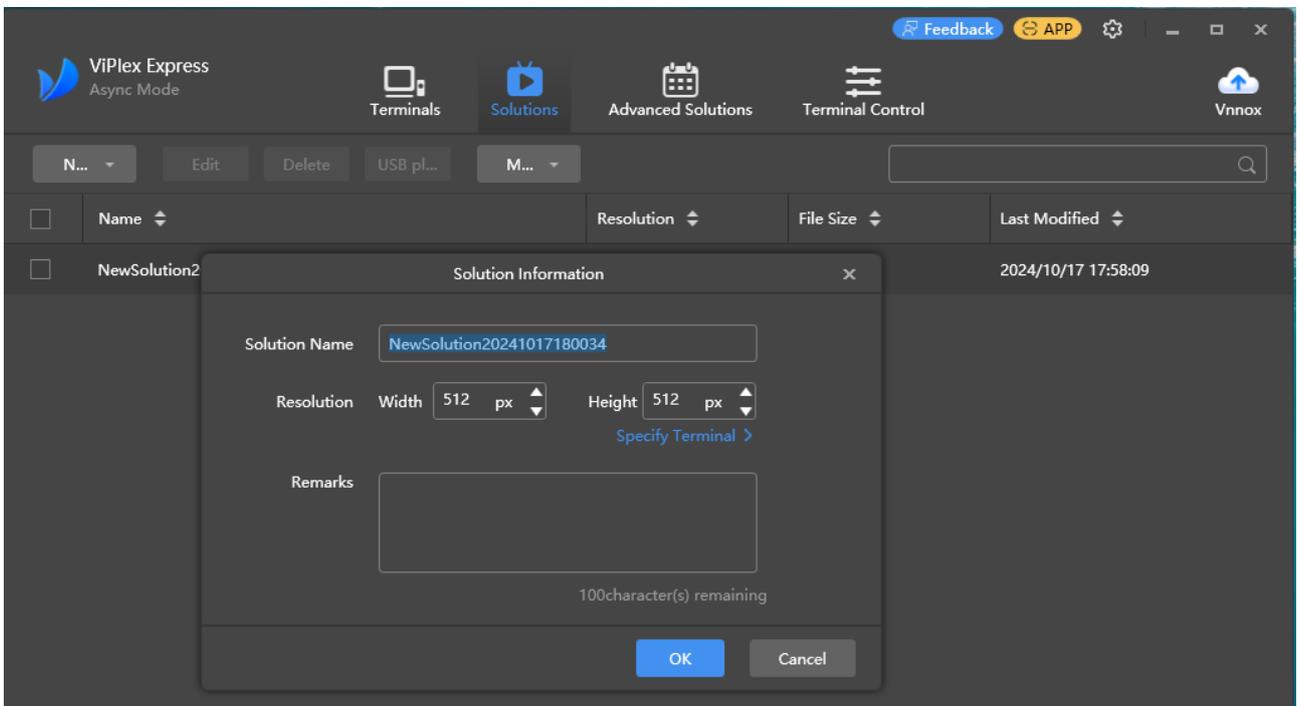
- 2、 Select ' program management ' and enter the program management interface.



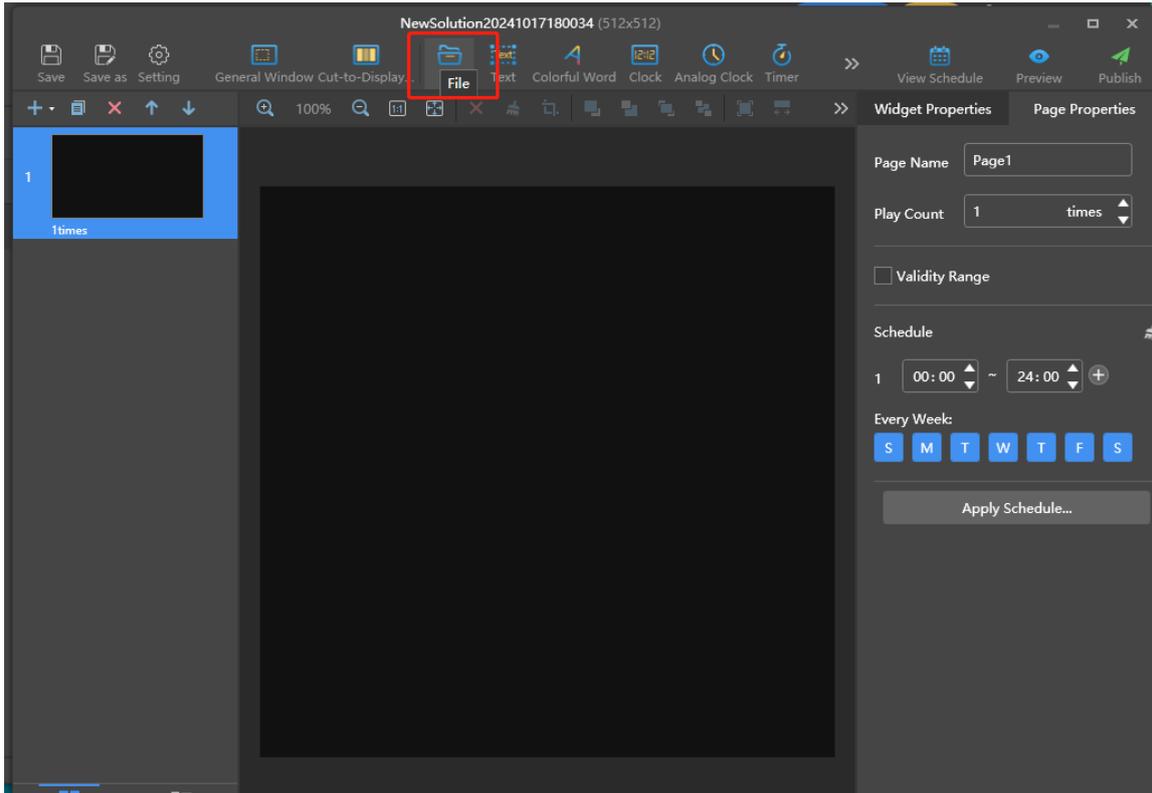
3、Click ' New ' and select ' General screen ' from the drop-down menu.



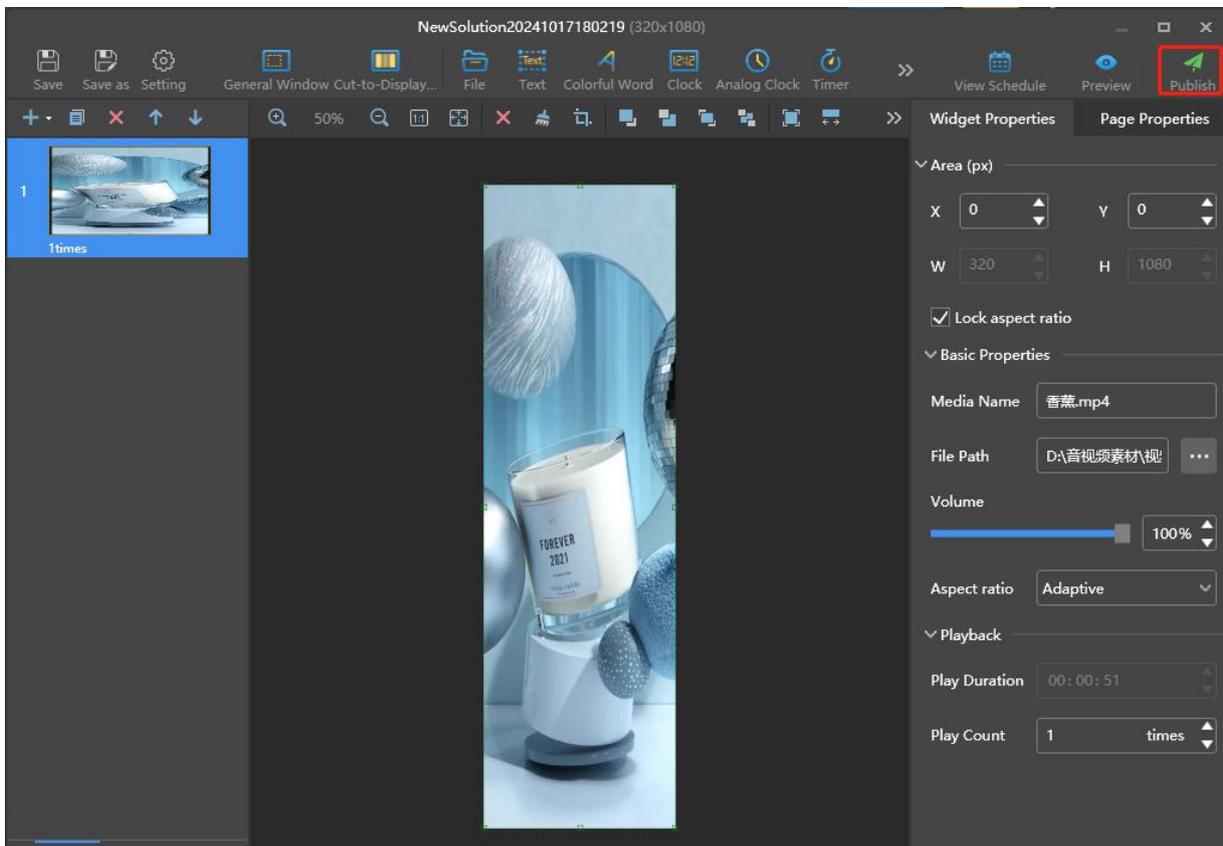
4、In the program information window, enter the resolution 320 * 1080.



5、Add multimedia programs in the program editing window.

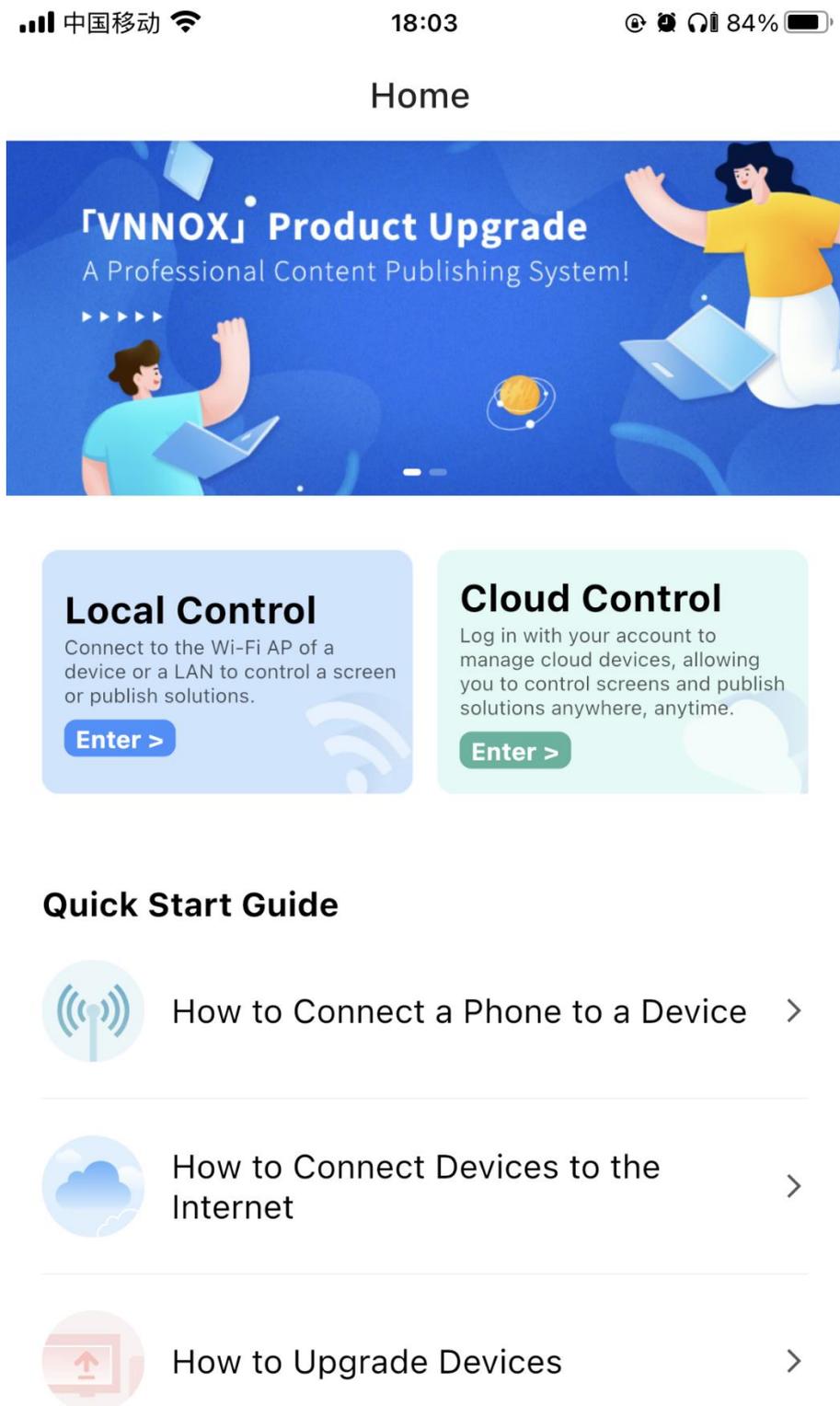


6、 After the program is added, click ' publish ' to play the program.

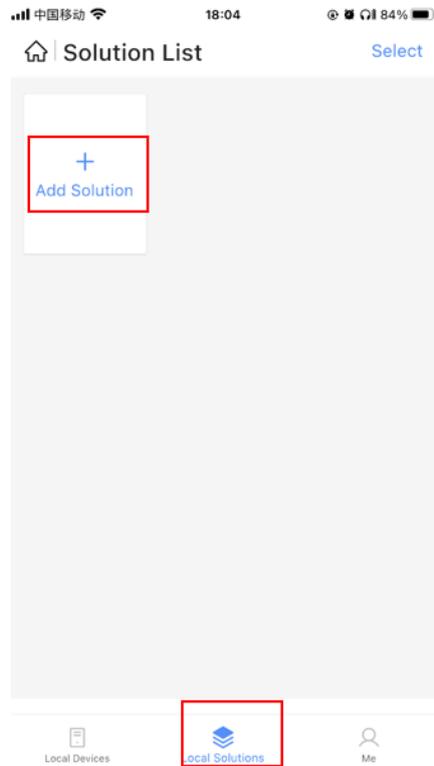


(2) Mobile terminal operation steps

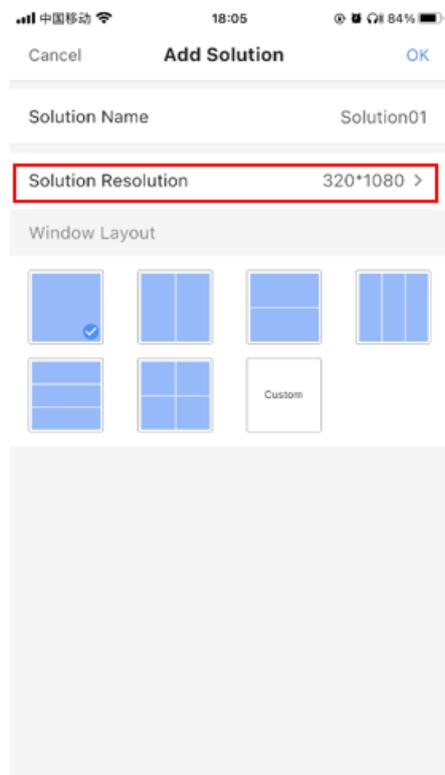
1、Open the screen sprite software, go to the main page and click on ' Local Connection '.



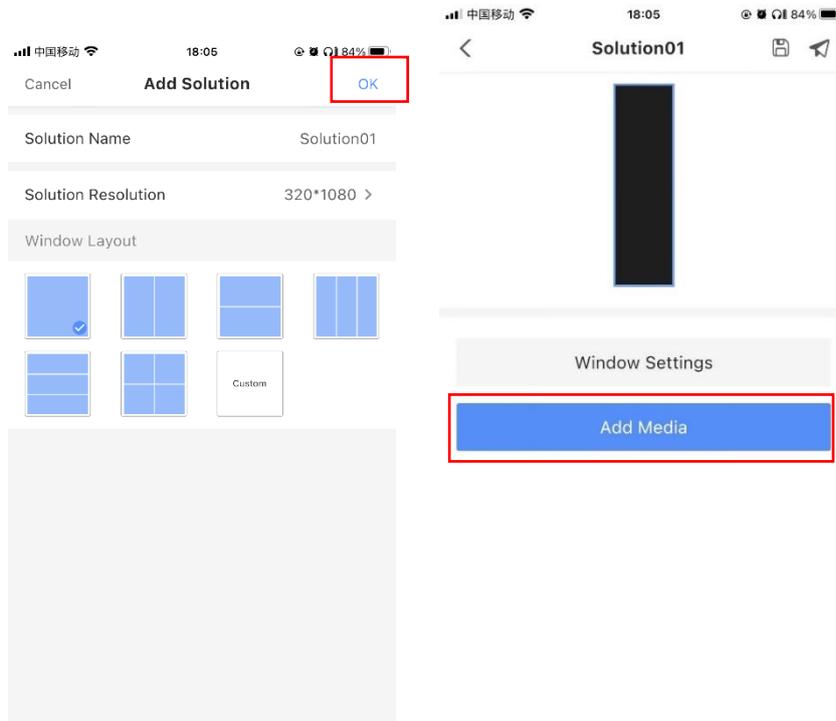
2、 Select the menu bar ' Local Shows ' and click ' Add Shows ' .



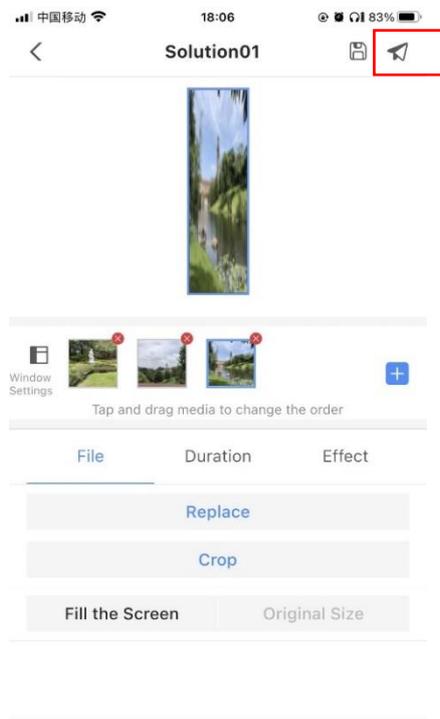
3、 Click on the program resolution, set to 320 * 1080.



4、Click OK to select ' Add Media '.



5、 Select the multimedia material that needs to be added, and then click on the release to achieve playback.



Analysis of common troubles

Special condition

●Boot no reaction, do not show the screen

Check whether the power line is connected or loose, and whether the operation indicator light is normal.

●Play screen jitter, flash screen

Check whether the power indicator is in normal state, if the U disk plays, check whether the content is too large or more than 4K HD ; if the computer HDMI plays, check whether the computer playback screen is the same jitter, check whether the HDMI line is loose, restart the computer, etc.

●The display can not identify the U disk

USB storage device (U disk or mobile hard disk) must be FAT16, FAT32 or NTFS file system format. The USB interface provides a 5V, 500mA current output to drive external USB storage devices (subject to instructions). If you need to use high-power USB storage devices (such as mobile hard disk, etc.), you need other USB interface to assist power supply.

Processing method : first consult the user this hard disk supporting data line is a few access head, if one, it is recommended to buy the use of two heads, if it is already two head data line, the hard disk data line a head access USB interface, a head

external power supply.

●**The whole screen is not bright (black screen)**

(1) Detect whether the power supply is energized.

(2) Check whether the communication line is connected or not.

●**Display appears as a single element point missing, a column of pixel partial color or display small area partial color block**

The missing pixels and a column of pixels need to be powered off first and replace the standby module ; display the color block to check whether the correction coefficient is lost, or replace the standby module.

●**A part of the area black screen, not displayed**

Check whether there is a signal interruption in the monitoring screen, check whether the internal network cable is loose, check whether the internal working indicator light of the system is normal, replace the system card hardware, etc. ; contact factory professionals to guide cooperation.

Product maintenance and simple maintenance

Product maintenance and precautions



Notes :

The LED lamp used in the module is vulnerable to ESD (electrostatic discharge) damage. To prevent damage to LED lights, do not touch the device during operation or when it is turned off.

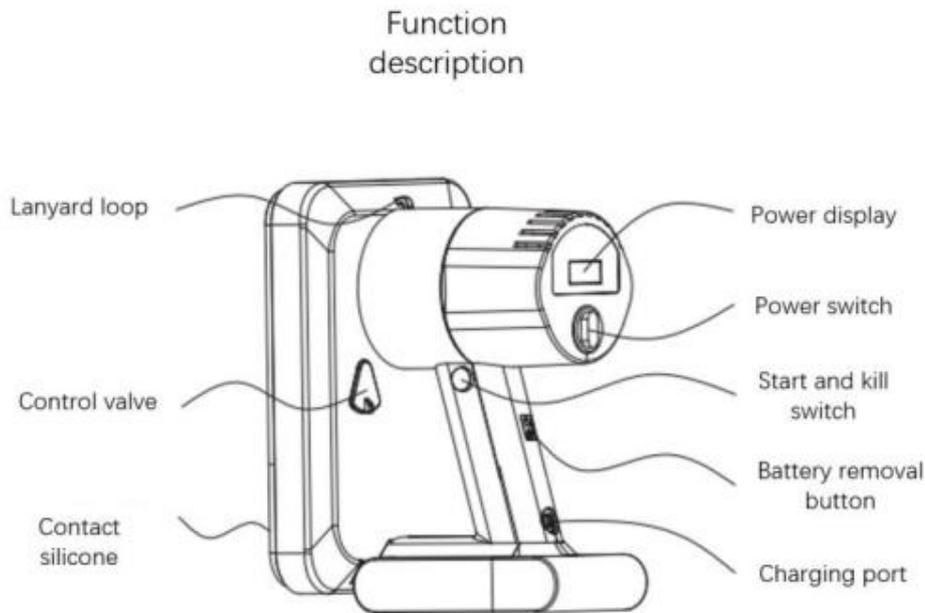


Notes :

- 1、 do not let any part of the display screen contact with any abrasive material.
- 2、 Do not expose the display to extremely hot or cold environments that exceed the temperature specification.
- 3、 It is necessary to carry out regular inspection of the product to check whether it is safe and reliable, with or without wear, deformation, corrosion and other conditions that may affect the load handling capacity of parts.
- 4、 It is recommended to check all the installation parts regularly ; for important components, the inspection frequency should be increased. If the parts are damaged, it may reduce the load handling capacity and must be repaired or replaced immediately.
- 5、 New screen test run : new screens stored within 3 months can be played at normal brightness. The new screen is stored for more than 3 months. The brightness of the screen is set to 30 % for the first time, running for 2 hours continuously. After half an hour of shutdown, the brightness of the screen is set to 100 % for 2 hours continuously. Observe whether the LED screen is normal, and set the brightness of the screen according to the requirements after everything is normal.
- 6、 The LED display is an electronic product. It is recommended to open the screen regularly. For the installed display that has not been powered up and has a continuous time of more than 15 days, the brightness of the screen should be reduced when it is used again to reduce aging. The process refers to the new screen trial operation, and it cannot be highlighted and continuously whitened.

Vacuum sucker

Key Description



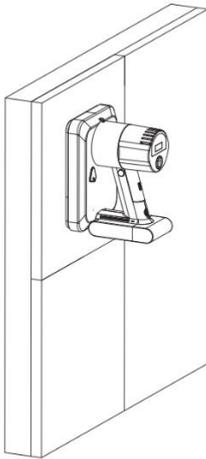
- 1、 Rope ring : Rope fixed point, fixed rope after easy to carry products.
- 2、 Regulating valve : The rotation of the regulating valve will leak out the elliptical inlet, and the more the inlet leaks, the smaller the suction. The suction of all inlets is the largest. This function can be used to adjust the suction at work.
- 3、 LED module contact silicone : soft silicone contact LED surface, protect the lamp bead.
- 4、 Power display : display the strength of the power, if the power switch does not show that the battery is completely dead.
- 5、 Power switch : power supply switch.
- 6、 Start-stop switch : The power switch needs to be turned on before the device is started and paused.

7、 Battery removal button : battery replacement button, press the button can be pulled out of the battery.

8、 Charging port : the battery charging interface.

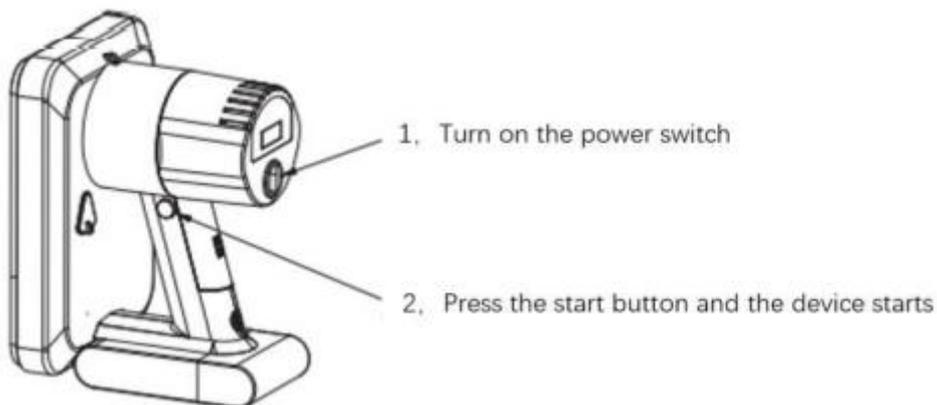
Replacement steps of spare parts

(1) The device is flat on the surface of the LED module, so that the device sucks the module tightly.



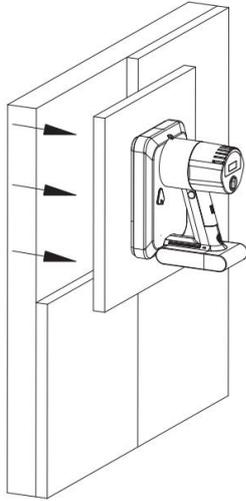
Note: The vacuum suction cup should be placed in the center of the module as much as possible, and should not be placed between the gap between the module and the module, as well as the corner area of the module, to avoid the deformation of the module and the occurrence of knocking lights

(2) Open the power switch, press the start button.

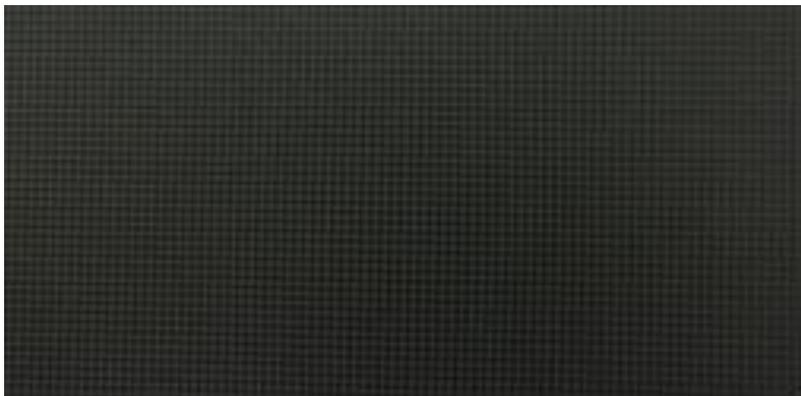


(3) After the vacuum sucker adsorbs the module, pull the equipment and module

vertically, and pay attention to the direction of the arrow on the back of the removed module.



(4) Remove the packaging of the spare parts, remove the spare parts module, and confirm that the surface of the spare parts module does not knock off the lamp.



(5) Replace the module as vertically as possible, noting that the direction of the module is consistent with the direction of the original module.

(6) Complete the replacement, check the screen display.