



**DISPLAYS2GO**  
CONNECTING PEOPLE & BRANDS WITH THE WORLD

## 80" Floor Standing LED Poster

2.5mm Pixel Pitch

**SKU: DF080NVB2**

Scan QR code to visit  
the product page:



**USER MANUAL**

2023.06

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# 1. Preface

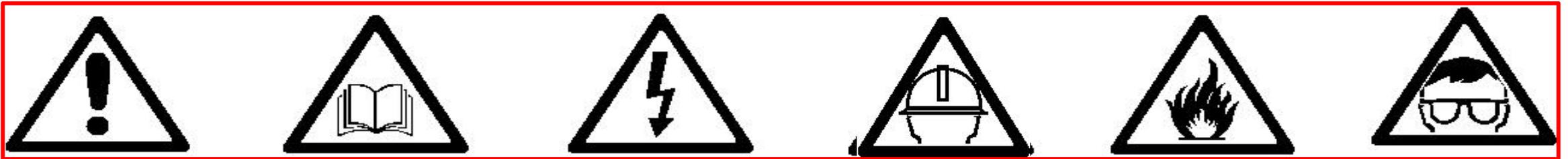
## 1.1 Introduction

1) This manual is for 2.5-80" LED poster. For better application, this manual systematically introduces the product make up, interface, specification, also the installation, wiring and content publish function.

2) Software instructions are based on built-in Nova T6 player and not applicable to other players.

## 1.2 Safety Notice

**Warning!** Please read below safety instructions before installation, power-on, operation and testing



Warning!	Warning!	Warning!	Warning!	Warning!	Warning!
Safety risk may result in equipment damage or security issues.	Please read this manual before operation.	Incorrect voltage may result in equipment damage.	Please pay attention to protective measures to prevent any danger	Inflammable	Harmful to eyes

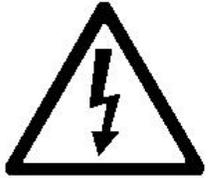


Please read below safety instructions before installation, power-on, operation and testing;

Make sure to follow the safety instructions. For any questions, please contact us for assistance.

- Due to flame, electric shock, fall down, this product may cause injury to person, even death;
- This product is not suitable for swimming pools, sauna, bathroom and other humid environments;
- This product is non-waterproof, or cannot be used in complete outdoor environments;
- Please do not block the ventilation holes during operation;
- Please take moisture-proof measures when packing and stocking;
- Please do not drop, strike, scratch, warp or shake LED display or external equipment;
- Please make sure the front protection panel out of scratch with hard objects;
- Please make sure the product is operated under professional staff due to inside strong current;
- please make sure the ground is flat and even before placing the product;





- Please make sure this product grounded correctly to ensure safety and prevent electrical shock;
- Please cut off in thunderstorm weather or make sure taking lightning strike protection measures. Please cut off if no long no use;
- Please cut off display power under situations of unused, disassemble, installation, maintenance;
- Please make sure the AC power meets local building & electrical standards and equipped with overload and ground faulty protection;
- Please make sure and check electricity, cable and all connected equipments meet current requirements before using this product;
- make sure power cable no broken, aging, humidity. Please replace with a new one if any over-heat situation happens;
- Please make sure the product is operated by professional personnel due to inside strong current; for any questions, please consult with professional personnel;
- Please take eye-protection measures and do not watch the screen directly when screen is at 100% brightness;
- Please do not use any optical devices with concentrated function to watch the screen in case of eye burn;





- Please make sure screen, processor and power with good heat ventilation, at least 4 inches distance from other stuff;
- Please do not stick any objects on screen;
- Please do not refit the product and add new parts;
- Please do not exposure the product to sun, make sure the environment is less than 45 degrees;
- Please wear a helmet to prevent body injury;
- Please make sure any fixed and connected structures meet safety standards;
- Please hold the screen firmly when joint units to prevent drop or tip-over;
- Please make sure the ground is flat and even before placing the product.

**Warning:** Manufacturer is not responsible for any incorrect, improper, irresponsible or unsafe operations.

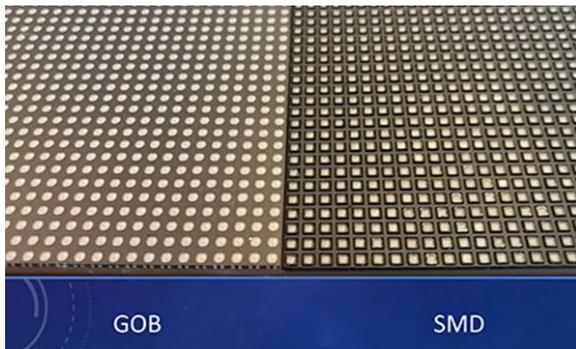


## 1.3 Certification

The product has passed FCC, UL, CE and RoHS certification to meet international standards.



## 1.4 GOB LED Modules



GoB Led Display is an LED Display with a glue on board (GOB) technology. This innovative technology seals the module surface with transparent epoxy glue. This protects the LED from any harmful accidents by making it anti-collision, waterproof, anti-UV and dust proof. The lifespan of these LEDs is also extended due to heat dissipation caused by shield glue. GOB technology also protects the LED from breaking as a result of any sudden accidents such as dropping it during installation or delivery.

## 2. Product Introduction

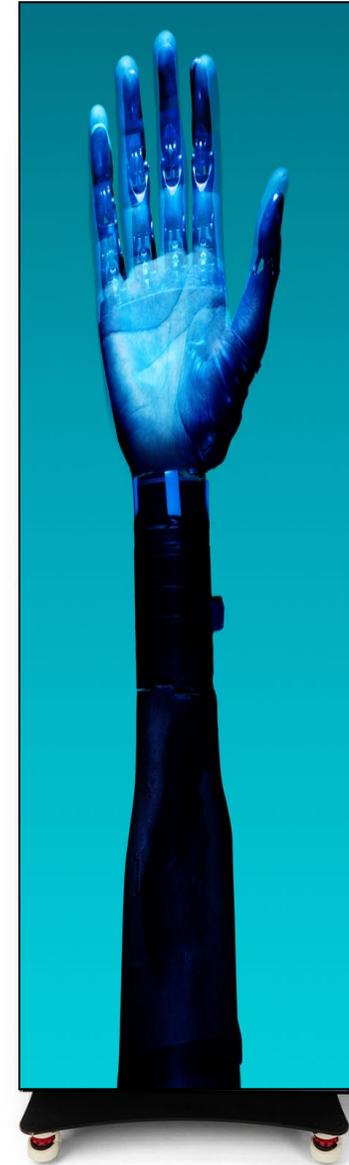
### 2.1 Overview

- Easy operation, multiple communication modes, high brightness, low power consumption and ultra-thin body to ensure stable and high-quality display effect even in bright-light venues.
- It is a new product that overturns traditional LCD player (high cost, low-quality picture, uneven brightness, heavy body and high energy consumption), which can be installed in hotels, restaurants, shopping malls, banks, government agencies, hospitals and so on.

### 2.2 Features

Features:

- Super slim in width and light in weight.
- Plug-in display, simple operation.
- USB/WIFI/HDMI/ CAT5E cable connection & PC quick management & publish.
- LAN integrated publish & remote publish via internet.
- Calibration data is saved in modules, recover factory settings in 5s.



## 2.3 Specifications

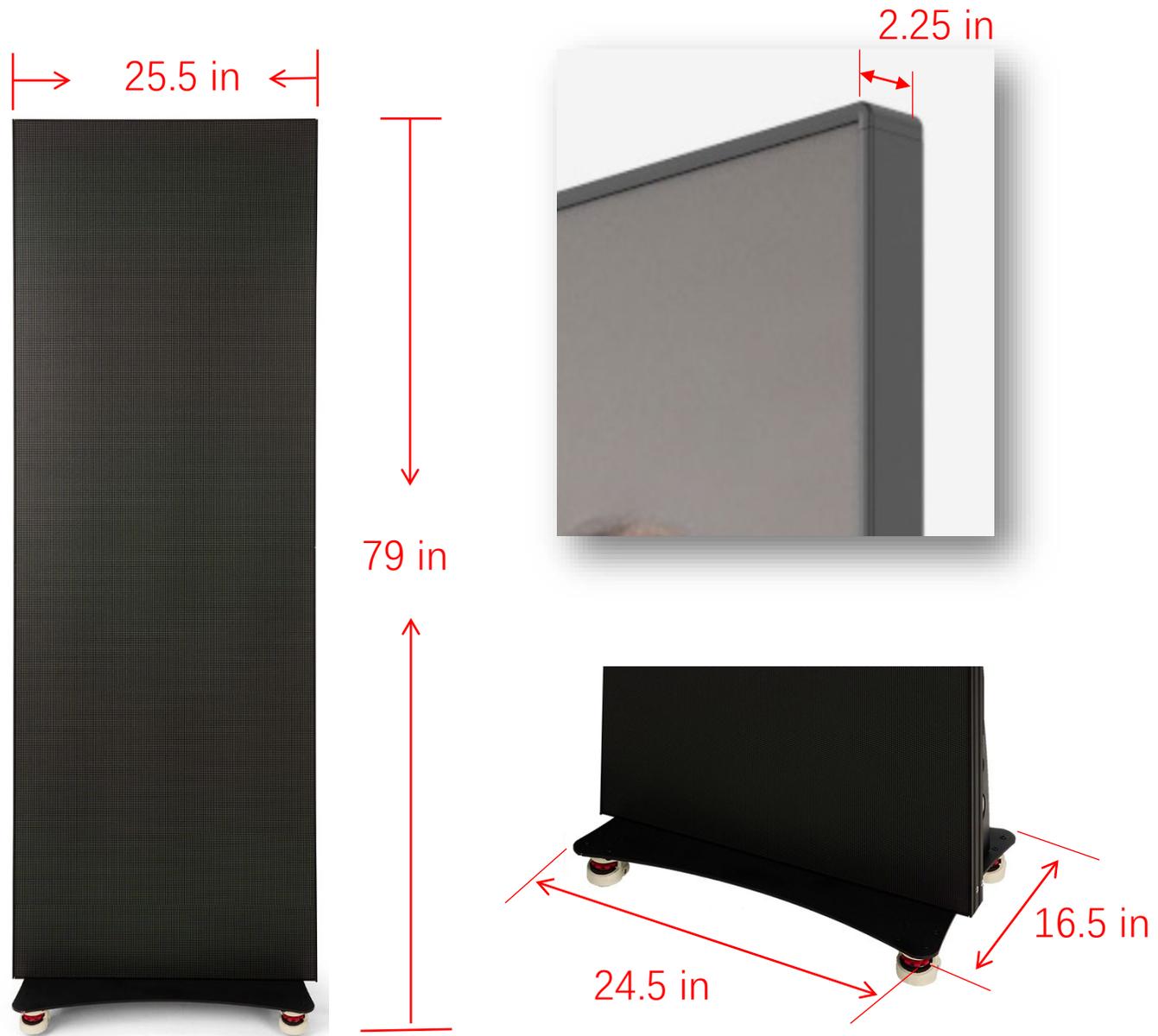
### 1) Display

#### Overall Dimensions:

(W×H×D):

25.5×76×16.5 in (LED poster)

25.5×79×16.5 in (with base)

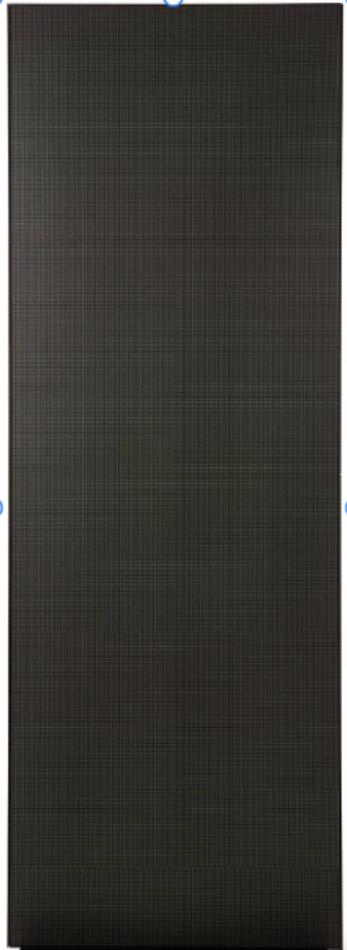


## 2.3 Specifications

### 2) Main parameters

2.5-80" LED Poster		
<b>Optical Parameters</b>	Pixel Pitch (mm)	2.5
	LED Type	SMD
	Viewing Angle (H/V)	140° / 140°
	Brightness(cd/m <sup>2</sup> .)	≥900 nits (±10%)
	Refresh Rate(Hz)	3840 Hz
	Optimized Viewing Distance (feet)	≥20' +
<b>Electrical Parameters</b>	Average Power Consumption (W/unit)	250
	Max. Power Consumption (W/unit)	650
	Input Voltage	AC100-240V~(+/- 10 %) 50/60Hz
	Input Interface	USB x1, HDMI In x 1, HDMI OUT x1, LAN x1, Audio x1 , WiFi, Ethernet
<b>Structure Parameters</b>	Module Resolution (dots)	256 dots x 768 dots
	Module Size in mm (W×H)	320 mm x 160 mm
	Display Area in inches (W×H)	25.25" x 75.5"
	Cabinet Size in inches (W×H×D)	25" W x 75.5" H x 2.3" D
	Overall Dimension in inches (W×H×D)	25" W x 78" H x 16.5" D
	Weight (kg/unit)	103 lbs.
	IP Rating	IP43
<b>Operation Parameters</b>	Operating Temperature/ Humidity (°F/RH)	14°F~104°F/10~85RH%
	Certification	CE / UL / FCC / RoHS

### 3. Packing list



80" LED Display×1



Power cable×1



HDMI Cable×1



USB Drive×1



Floor Standing Base X1



Bracket X1

## 4. I/O Interface



Ethernet

COM 2

USB 3.0

COM 1

Audio Output

12V=2A

Power Supply

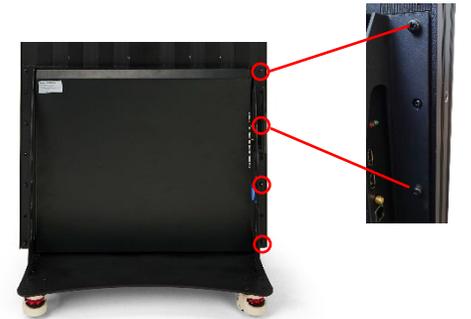
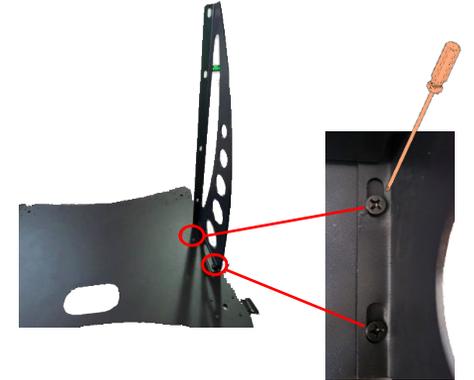


## 5. Assembly Instructions

**CAUTION: TWO PEOPLE ARE REQUIRED.**

**NOTE:** 1. Assemble the product on a level and clean ground. Cover the area with soft cloth to prevent any damage.  
2. A Phillips screwdriver is needed.

1. Fix 1 upright bracket to the base with 2 flat head screws and a Phillips screwdriver. Secure the other bracket to the base the same way.
2. Carefully place the LED poster onto the base and align the holes on both brackets with the holes on the back cover. Use screws with washers to fix the LED poster, 4 on each side. The assembly is finished.



# 6. System Connection Instructions

## 6.1 System Connection Diagram of Single LED Poster

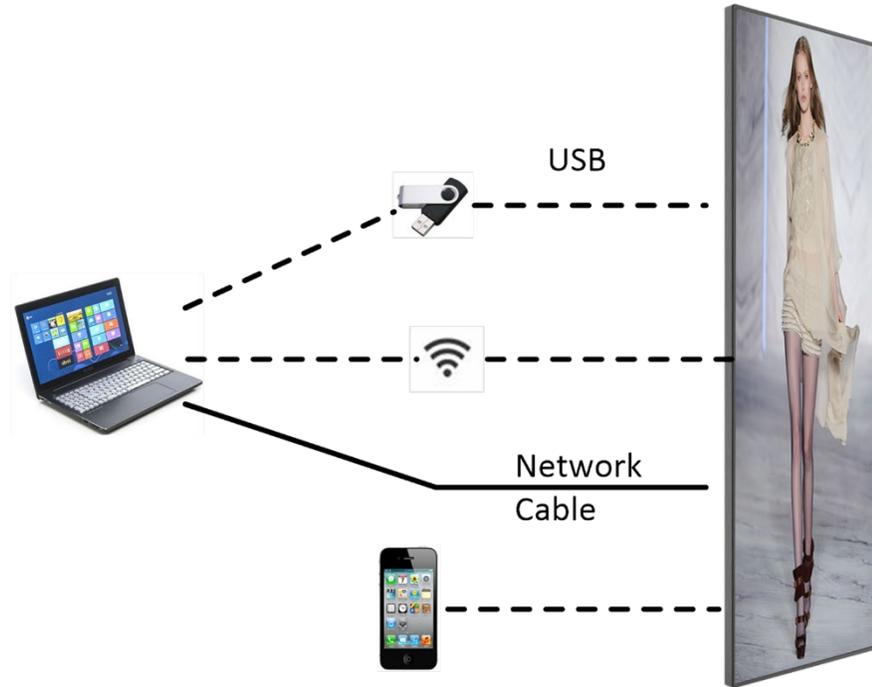


Fig 6.1 Control system diagram of LED poster

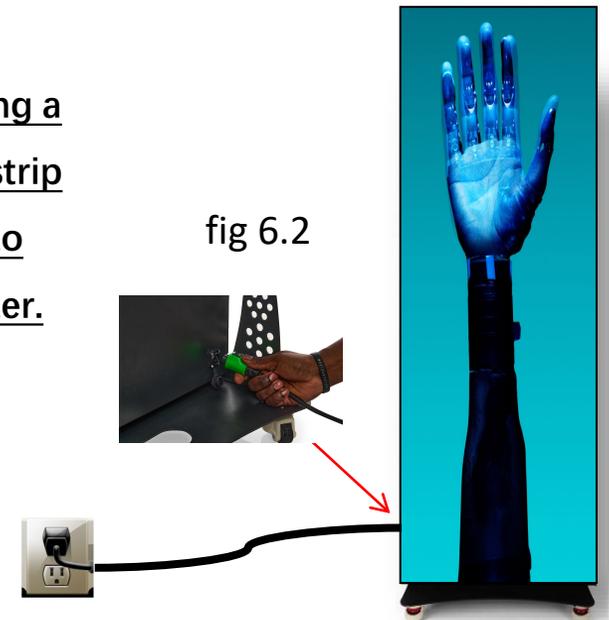
Fig 6.1 is the system connection diagram with built-in player. Playlist can be transfer via USB, cable, APP in PC or smart phone, then loop playback.

## 6.2 Startup Instructions

- ① Connect power cable to power on the LED Poster. See fig 6.2.
- ② DGLED25AND will be light up after 40s.
- ③ Load in the playlist.

**Notes:** please refer to the Section 7 for how to load in a playlist.

We strongly recommend using a surge protector, or a power strip with internal circuit breaker to prevent damages to the poster.



# 7. Content Management & Publish

## 7.1 Publish via PC

### 1) Software installation

a. Plug in the USB provided by seller to PC and open it, find the software [ViPlex Express V1.1.0 CTM1.0.2 Setup] under the folder [Project # (for example C18I-067-XI-CD)] → [Part 1 Software] → [T6] → [PC Terminal], see below fig 7.1, and install it.

b. Find shortcut of the software on desk as fig 7.2.

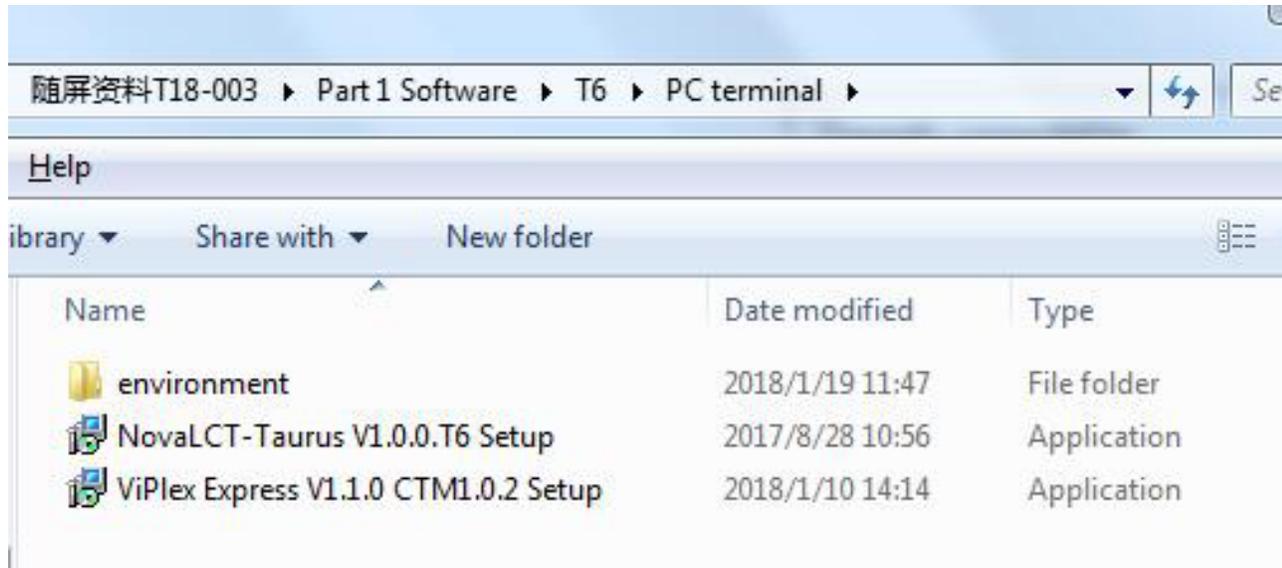


fig 7.1



fig 7.2

## 7.1 Publish via PC

### 2) Internet connection

Connect PC as below:

- WIFI of built-in player;
- Router in LAN;
- CAT 5E;

**Note:** in this instruction, the connection is via WIFI of built-in player.

Open WLAN in your PC, connect to the WIFI, refer to fig 7.3.

- WiFi ID: P2.5-posterleddisplay-x-xxxxxxx
- Password: 12345678

**Note:** WiFi ID can be found on the back of poster, refer to fig 7.4.



fig 7.3



fig 7.4

## 7.1 Publish via PC

### 3) Settings on the play software [ViPlex Express]

Open ViPlex Express, click [Connect] and enter username and password, then click [Ok], refer to fig 7.5.

**Note:** default username: admin

default password: 123456

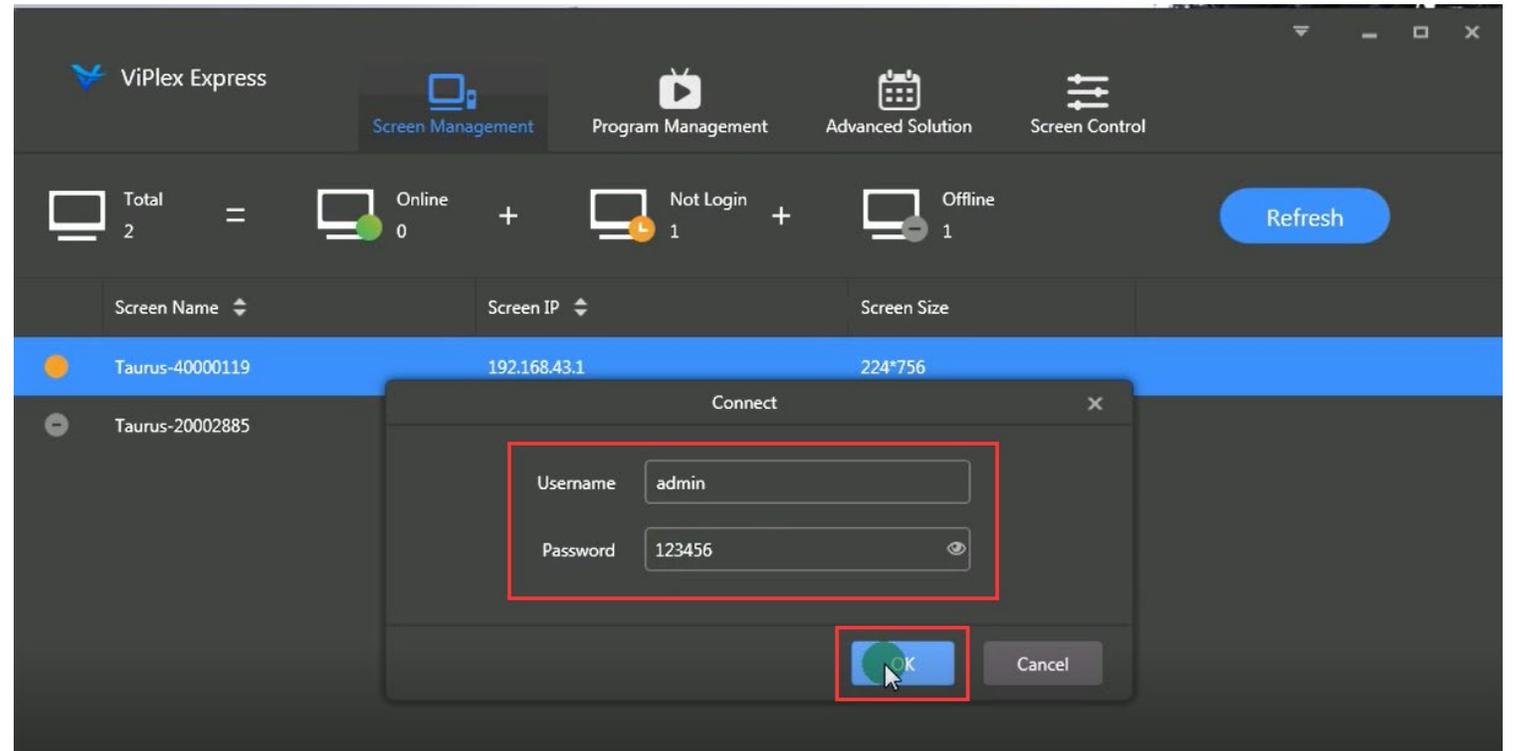


fig 7.5

## 7.1 Publish via PC

### 4) Create a new playlist

- a. Click [Program Management] → [New]
- b. Name the new playlist in [Solution Name]
- c. Type in the resolution in [Display Width & Display Height]
- d. Click [ok] to edit the playlist, please refer to fig 7.6.

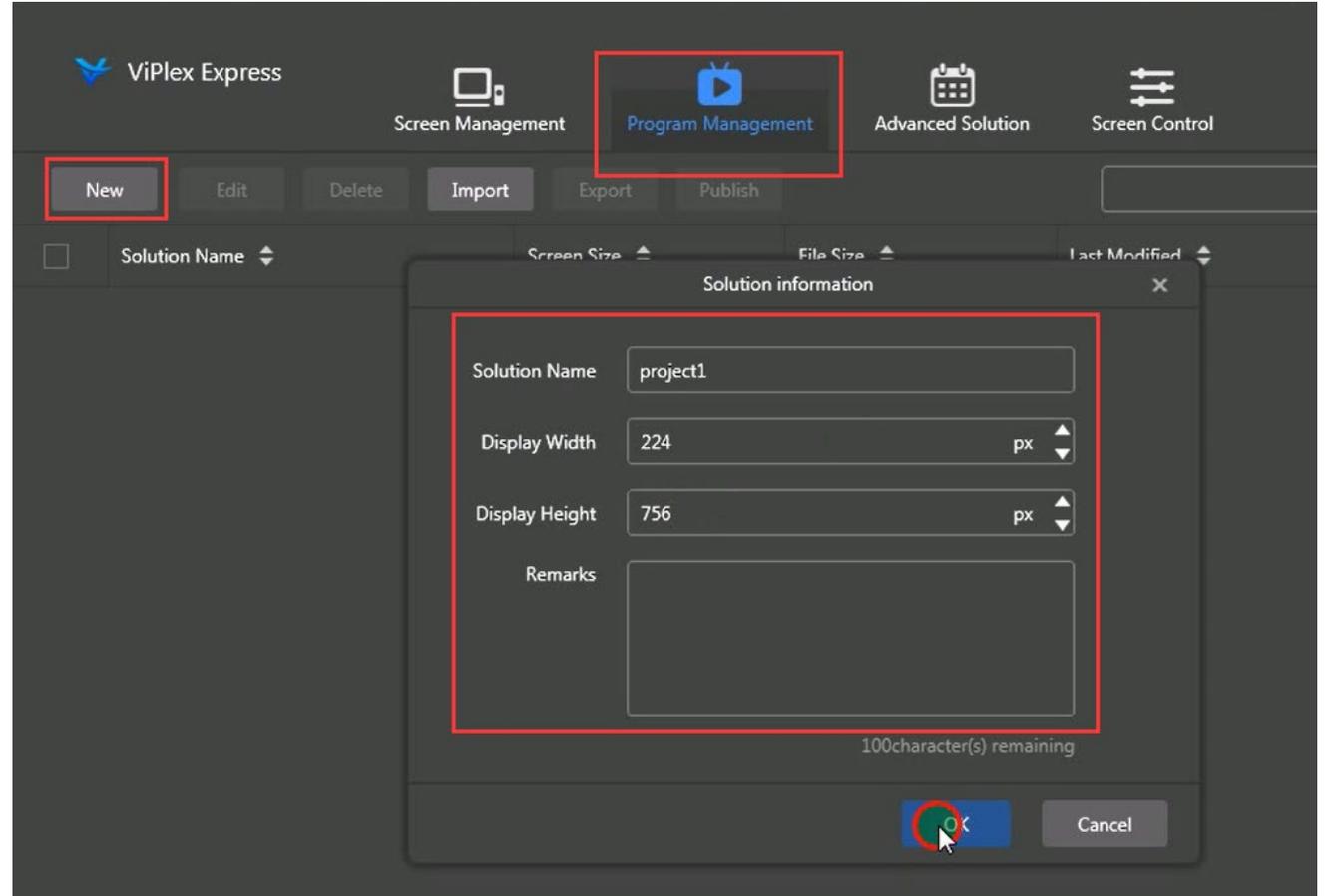


fig 7.6

## 7.1 Publish via PC

### 4) Create a new playlist

e. Click [+] to add page according to the quantity of content.

f. Select text, image, video, gif, clock, weather, and container for each page. Please refer to fig 7.7.

**Note:** the resolution of image must fit the poster.

g. Once finish, click  to save the playlist, refer to fig 7.8.

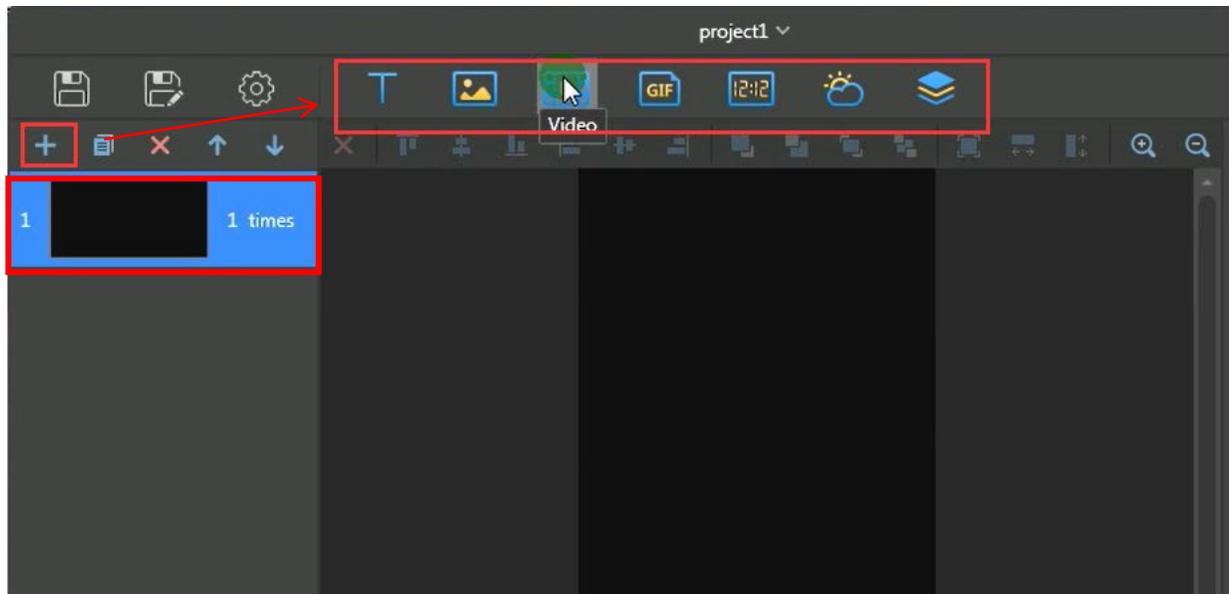


fig 7.7

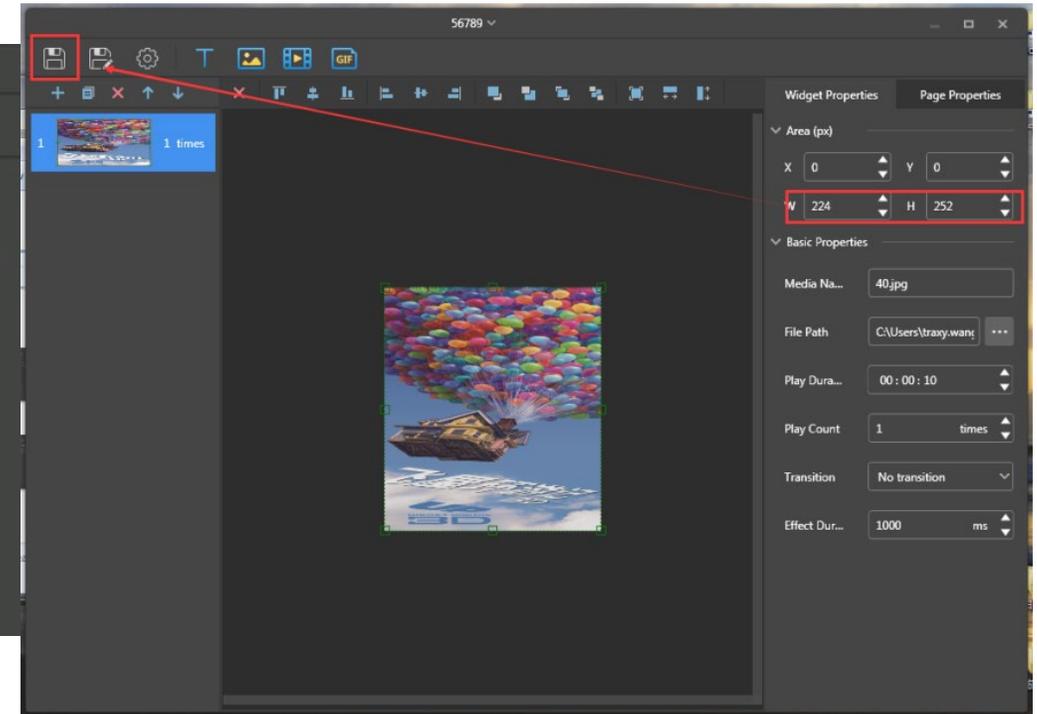


fig 7.8

## 7.1 Publish via PC

### 4) Create of a new playlist

h. Enter the interface shown in fig 7.9, click the new playlist created in last step and click  to publish.

i. Select the LED poster, click [Publish] shown in fig 7.10 to upload the playlist.

j. Click [Publish] shown in fig 7.11 to play this playlist.

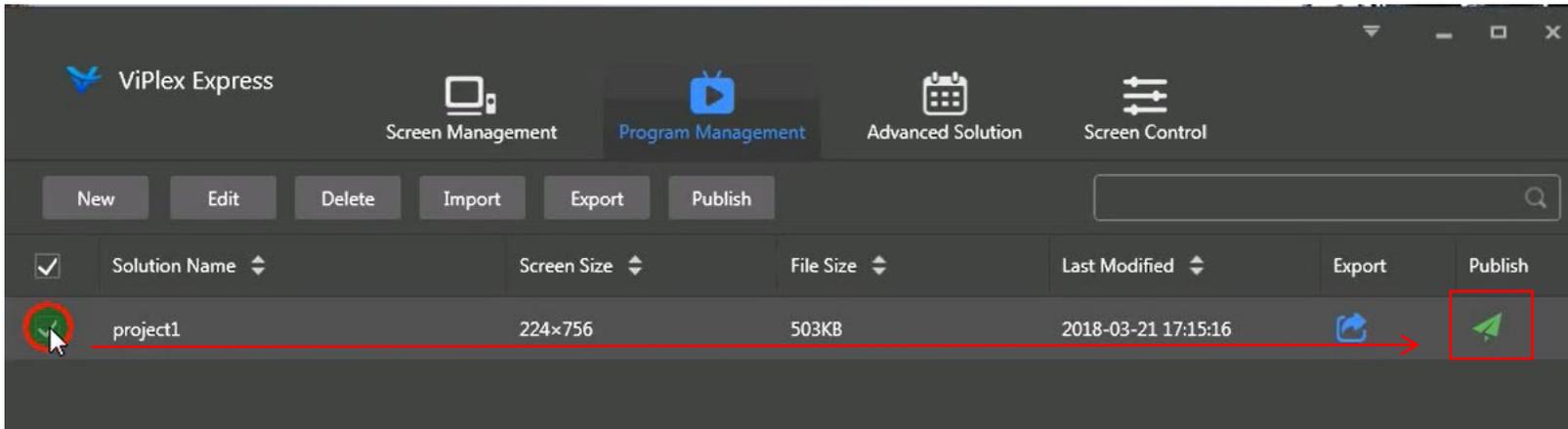


fig 7.9

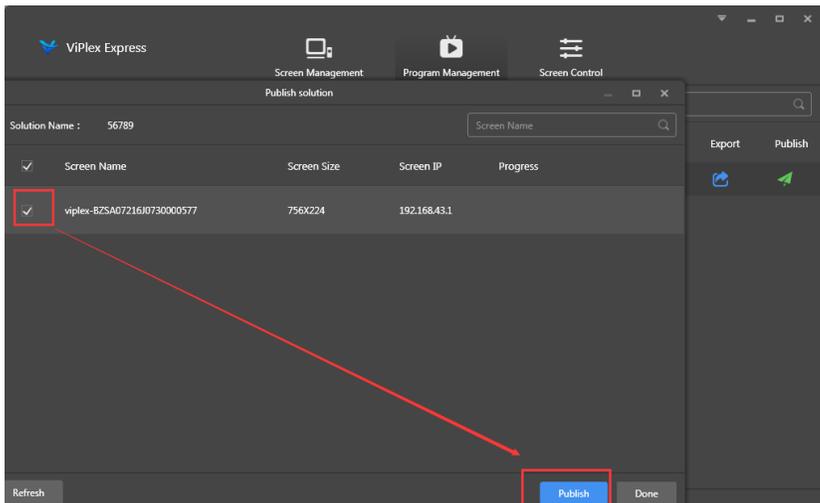


fig7.10

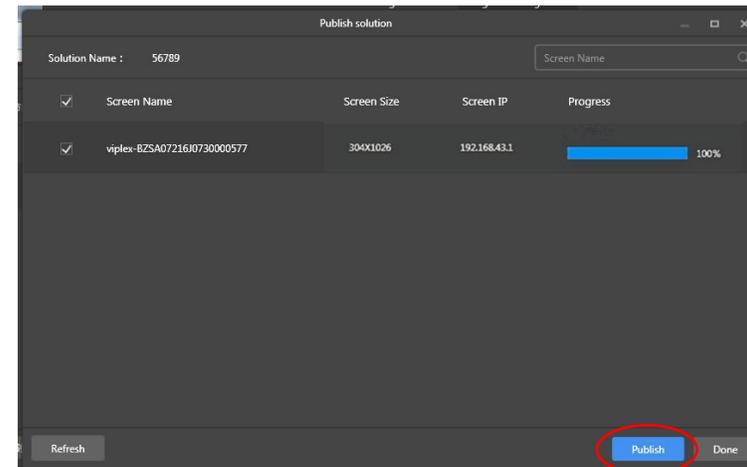


fig 7.11

## 7.2 Publish via Phone APP

### 1) Install Viplex APP

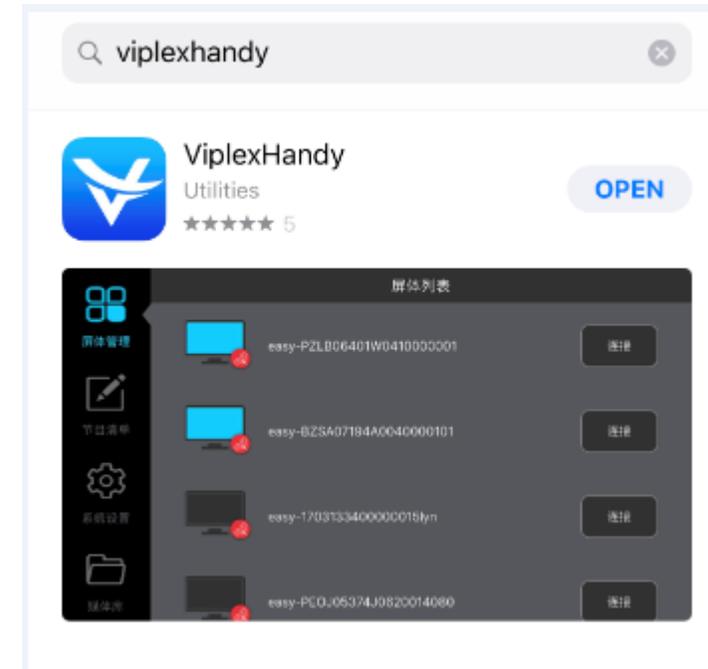
#### a) Android system:

Scan below QR code, download Viplex Handy and install.



#### b) IOS system:

Search Viplex Handy in App Store , download and install.



## 7.2 Publish via Phone APP

### 2) Internet connection

Open WLAN in the phone, connect to WIFI, please refer to fig 7.12.

ID: P2.5-posterleddisplay-x-xxxxxxx

Password:12345678

**Note:** WiFi ID can be found on the back of poster, refer to fig 7.13.

Open ViPlex Handy, find your LED poster, click [Connect] and type in the username and password, then click [Login], refer to fig 7.14.

**Note:** default username: admin;

default password: 123456



fig 7.12

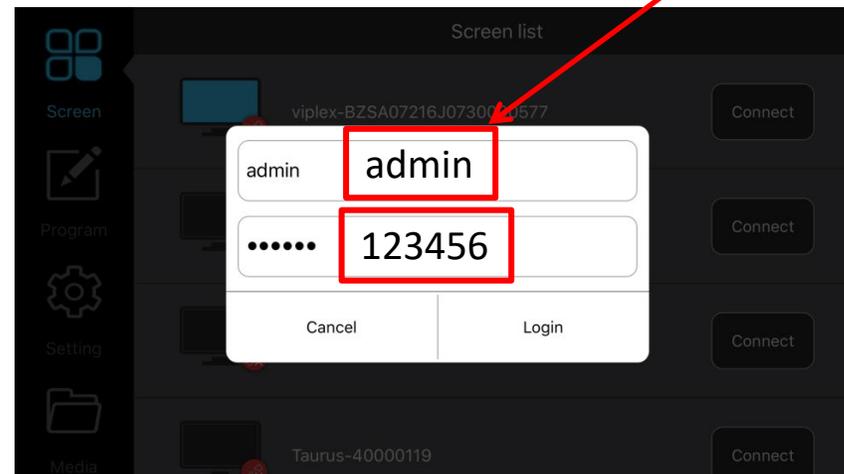
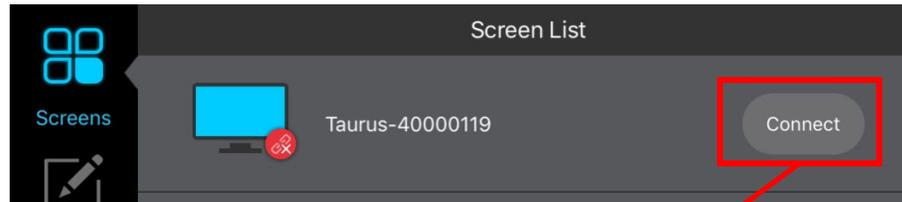


fig 7.14



fig 7.13

## 7.2 Publish via Phone APP

### 3) Create a new playlist

- a. Click [Solutions] to add solution to create a new playlist, please refer to fig 7.15.
- b. Name the new playlist in [Solution Name]
- c. Type in the resolution in [Solution resolution]
- d. Select one template for the poster in [System template], please refer to fig7.16.
- e. Click [OK] to edit the playlist.

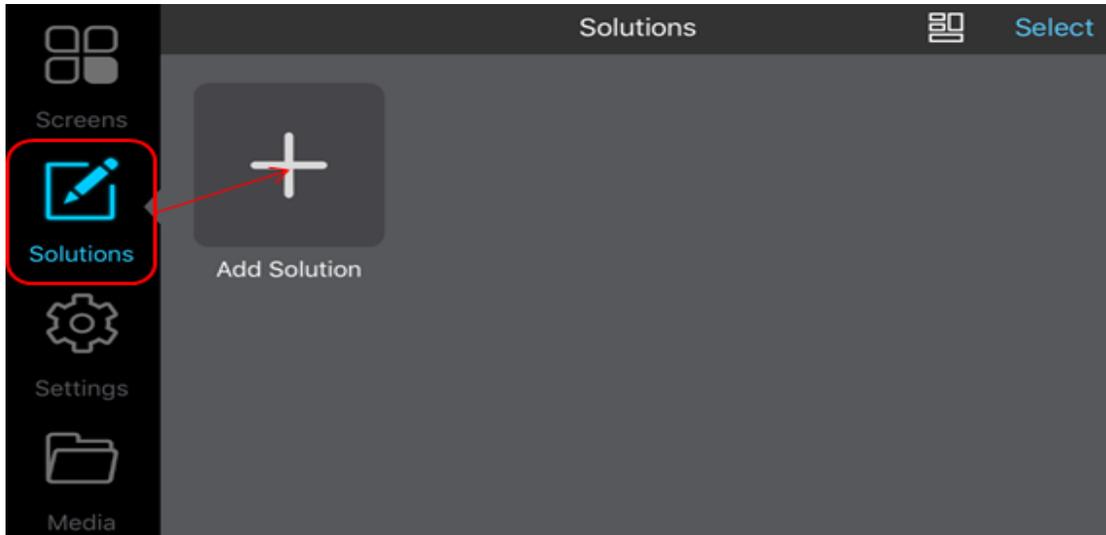


fig 7.15

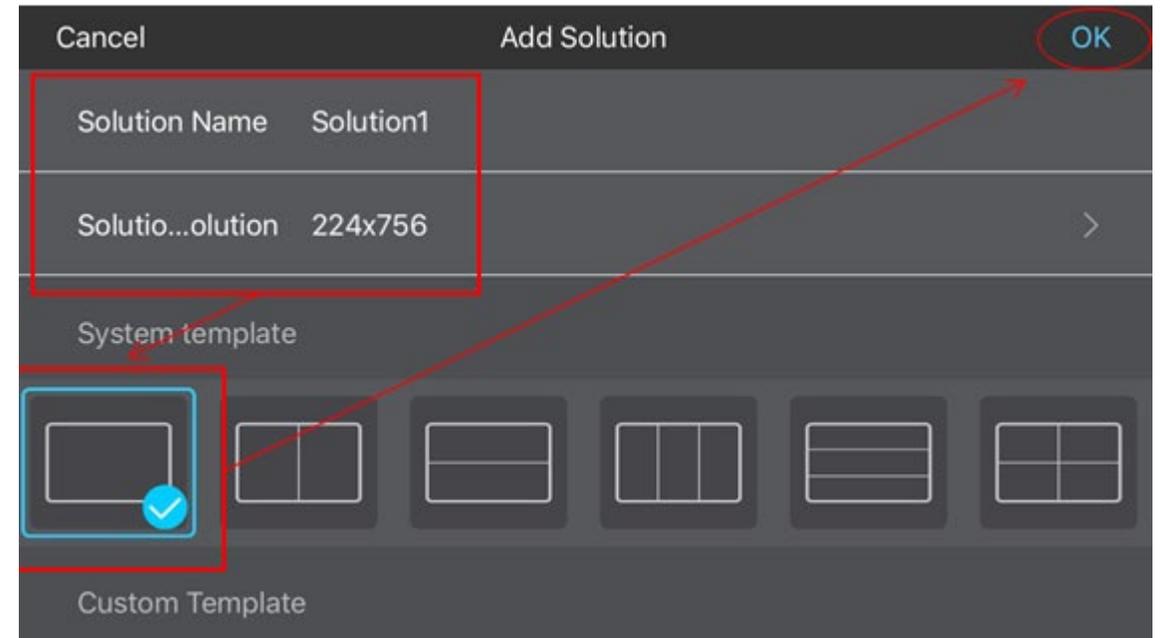


fig 7.16

## 7.2 Publish via Phone APP

### 3) Create a new playlist

f. Left-click the display window and select the format of content in [Add Solution].

g. Open [Media Library], choose the content and click [ok], refer to fig 7.17 and fig 7.18.

h. Return to the display window, click  to publish the content, refer to fig 7.19.

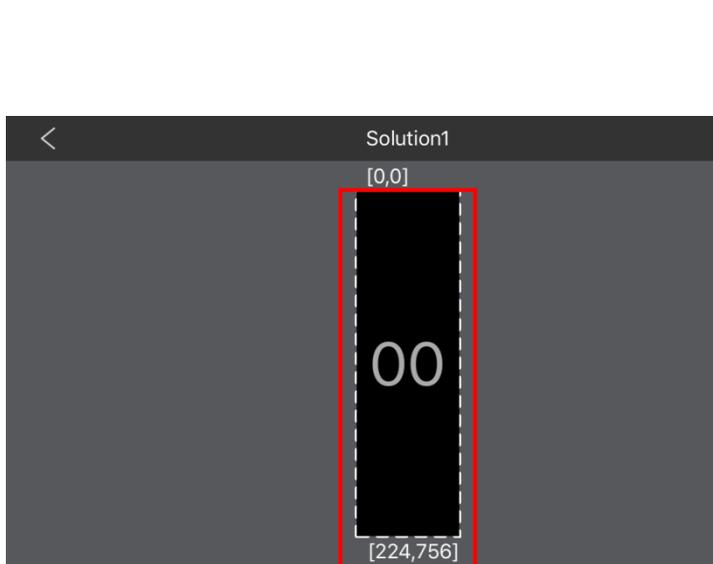


fig 7.17

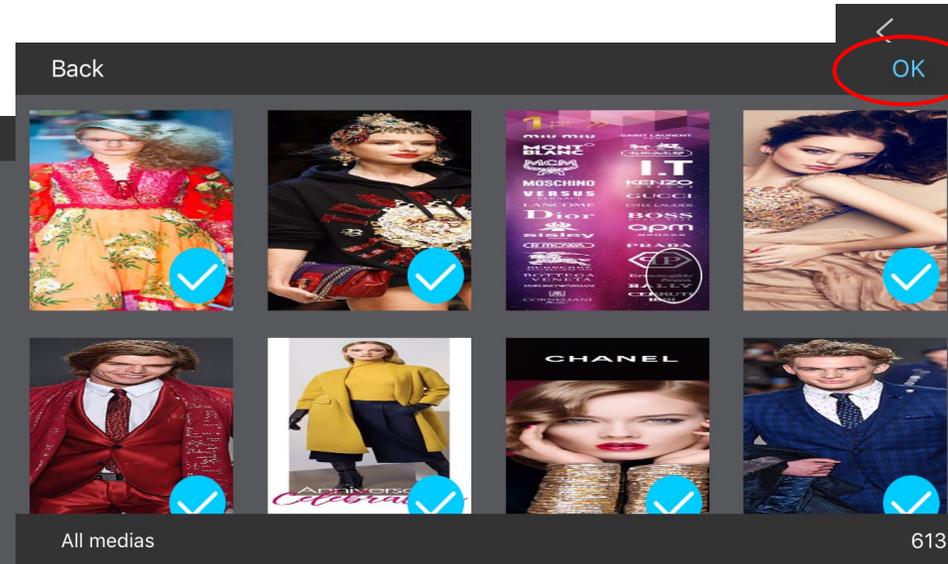


fig 7.18

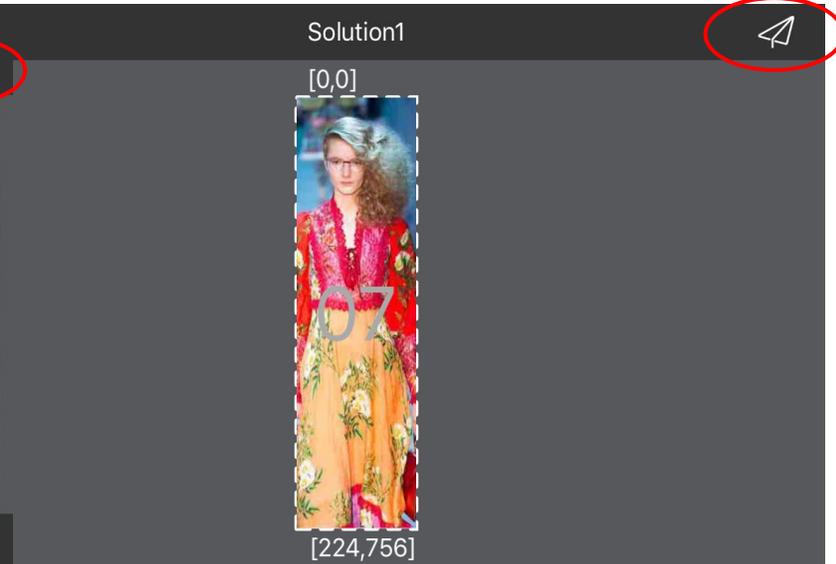


fig 7.19

## 7.3 Publish via USB

1) Refer to Part 7.1 to create a new playlist in PC.

2) Export the playlist to USB

a. Plug the USB to PC, click [Product Management], select the right playlist, click  to export content to USB, please refer to fig 7.20.

b. Choose the save path and folder in USB, click [Ok]→ [Export], please refer to fig 7.21.

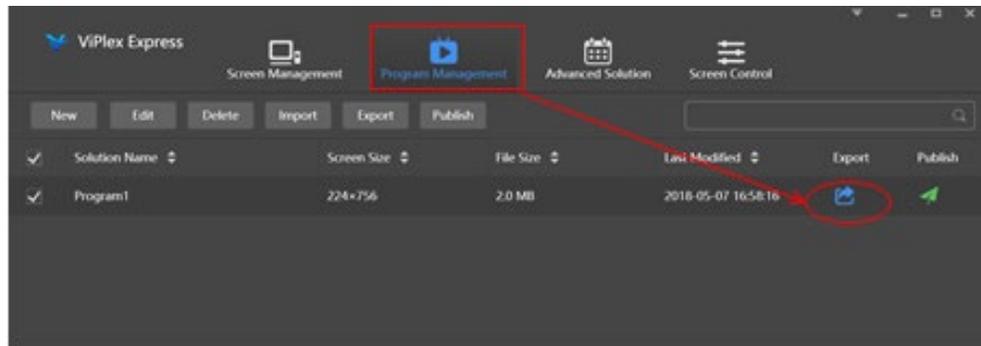


fig 7.20

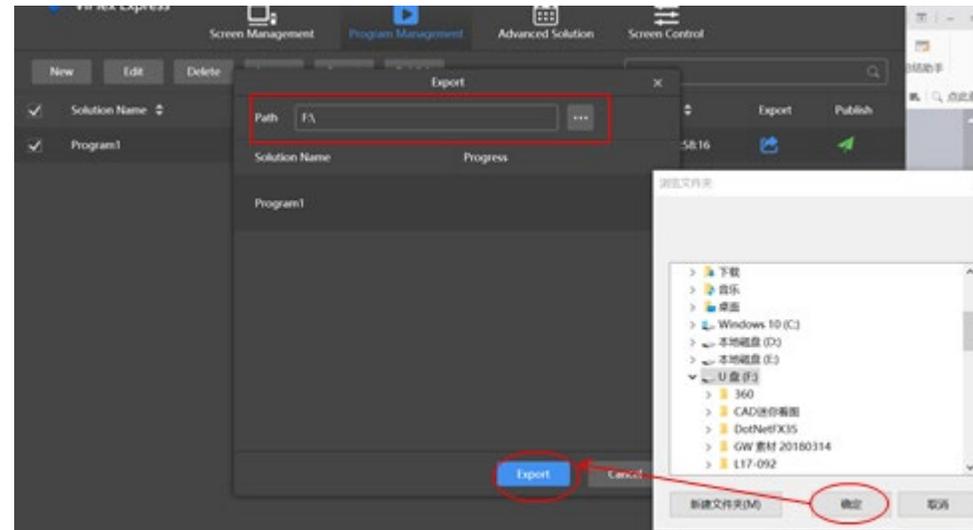


fig 7.21

## 7.3 Publish via USB

### 2) Export the playlist to USB

c. Click [Next] when finish transfer.

d. Select [Plug and play] or [Copy and play] in [Play Mode], if select [Copy and play], please choose [overwrite them], then [Ok] to finish, please refer to fig 7.22.

**Note:** [Plug and play] means plug USB to play, remove USB to stop.

[Copy and play] means plug USB to copy the playlist to LED poster, and the playlist will loop play with or without USB in.

In this way, you can upload the playlist to many LED posters.

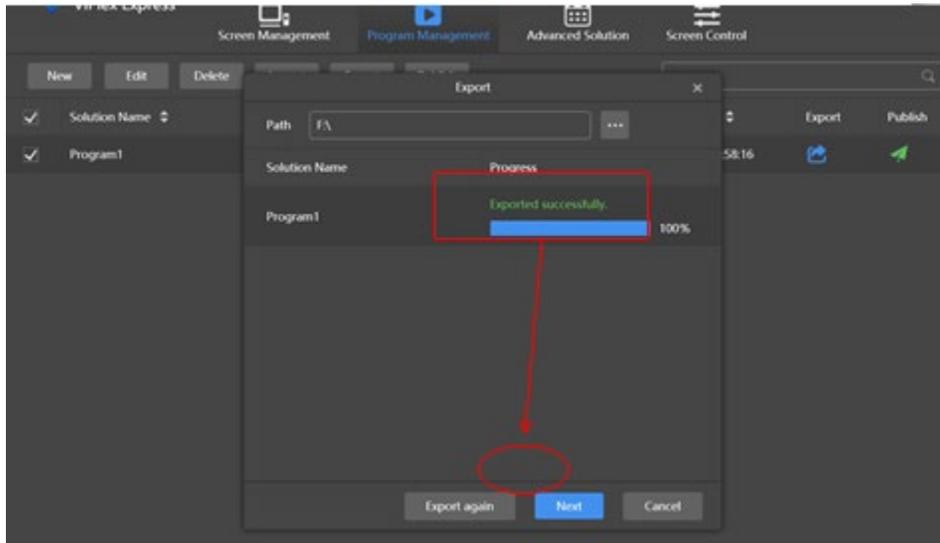
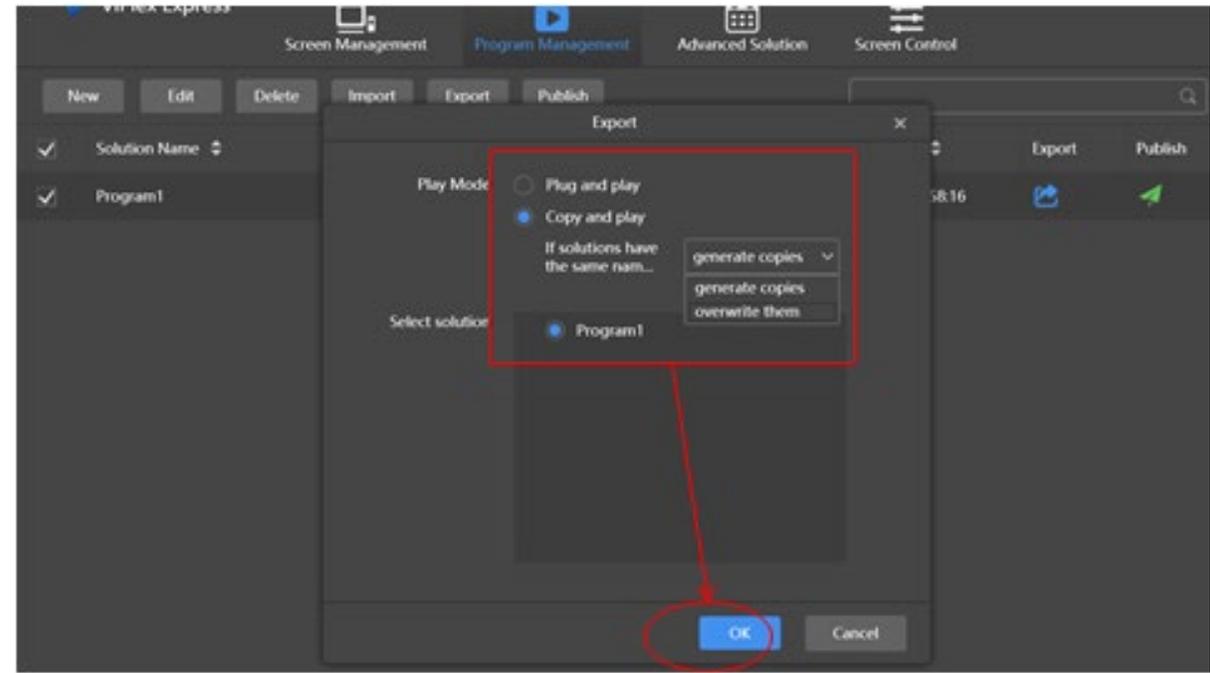


fig 7.22



## 7.3 Publish via USB

### 2) Export the playlist to USB

e. Enter identification page, please type in the log in password again and click [Ok], then export the playlist to USB successfully.

Please refer to fig 7.23.

**Note:** This step is required for exporting playlist.

f. Plug the USB into the poster, the playlist will be uploaded automatically after 3s, then loop playback.

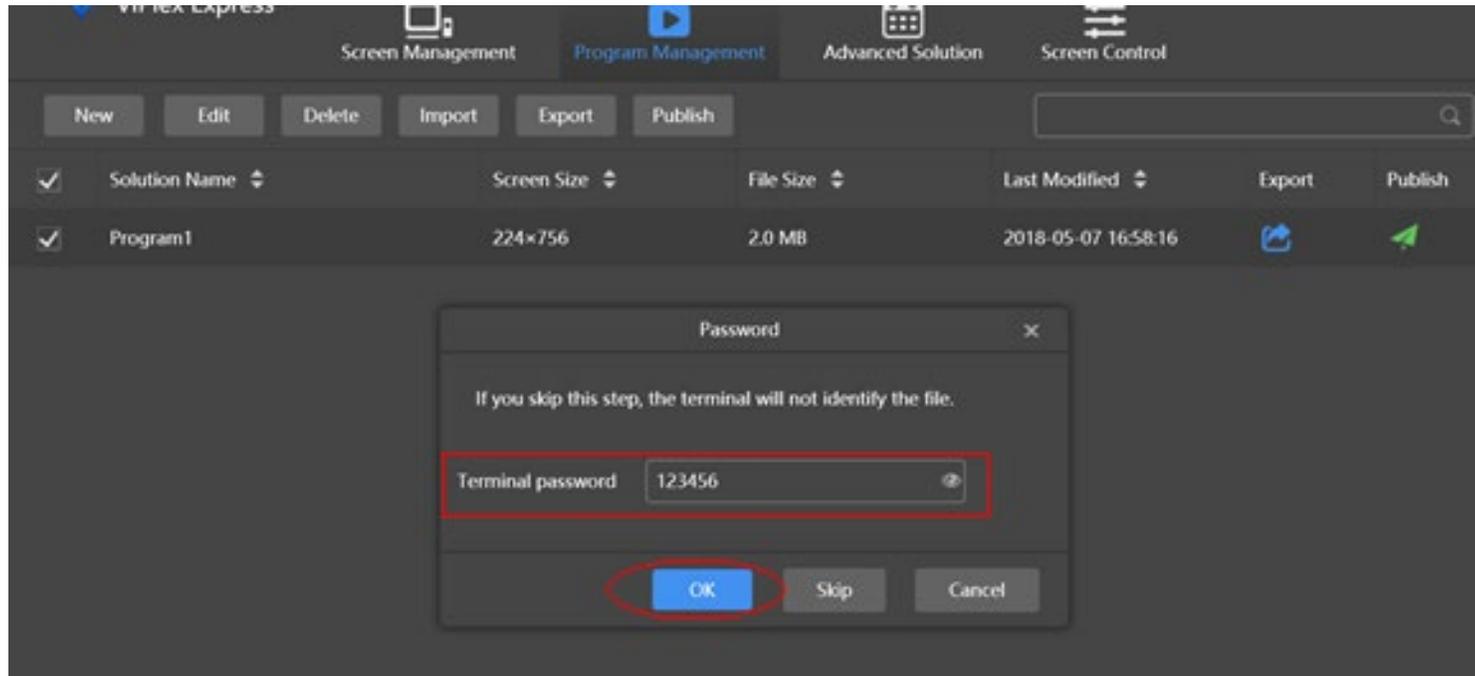
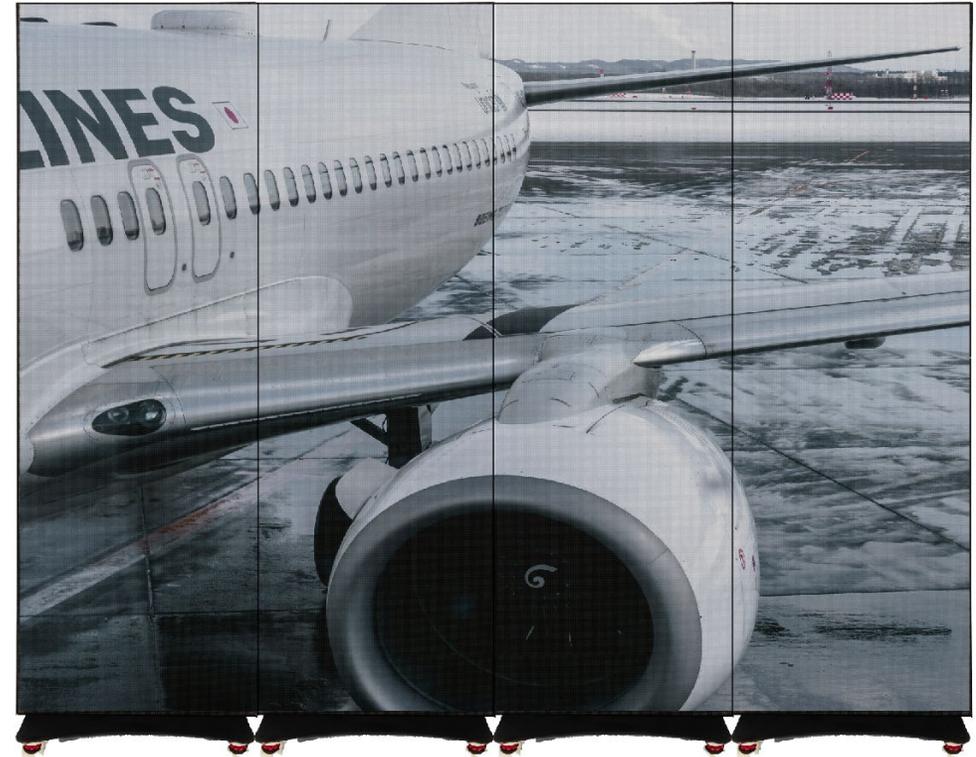


fig 7.23

## 8. Connecting Multiple Posters

### 8.1 Connect up to 4 Units (Daisy Chain)

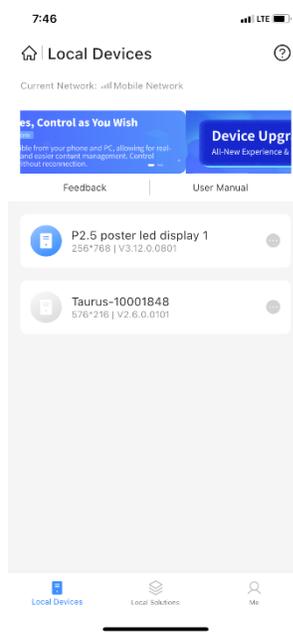
- 1) You can connect up to 4 LED posters together by daisy chaining from one poster to the other utilizing an HDMI cord.
- 2) From the first poster you connect one end of the HDMI cord to the HDMI out port and with the other end of the HDMI cord connect it to the HDMI in port.
- 3) Repeat process until all 4 LED posters have been connected.



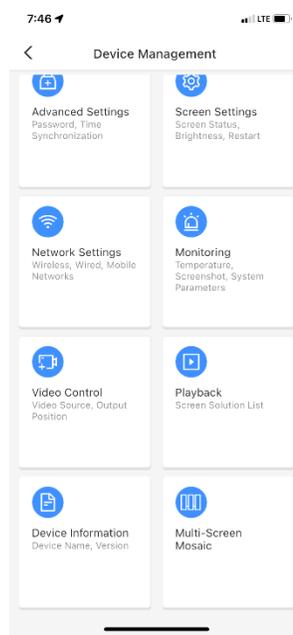
## 8.2 Displaying Content Across Multiple Screens



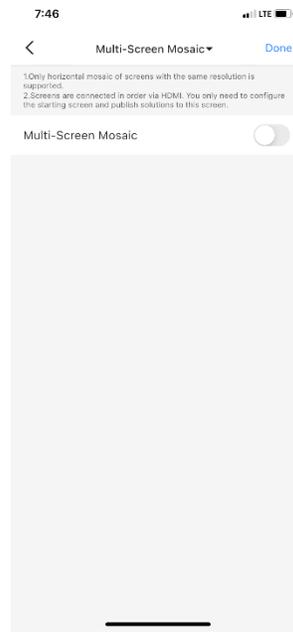
**Step 1:**  
On your phone  
Click Open the  
ViPlex Handy App



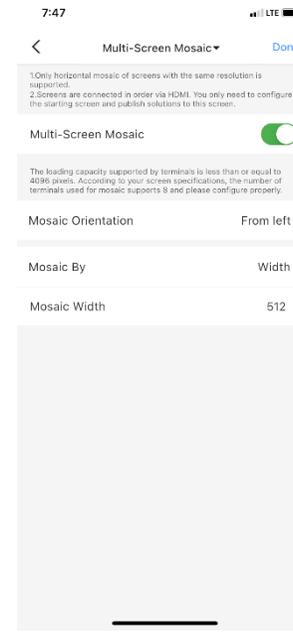
**Step 2:**  
Connect to the  
LED Display 1 by  
clicking



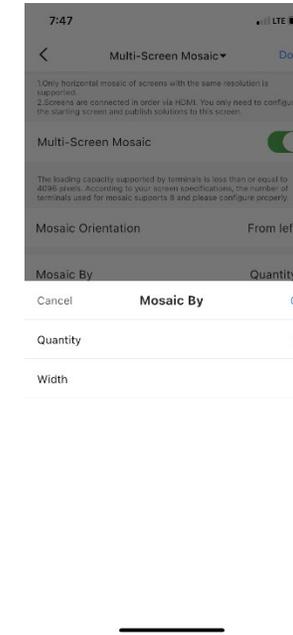
**Step 3:**  
Click On Multi-  
Screen Mosaic



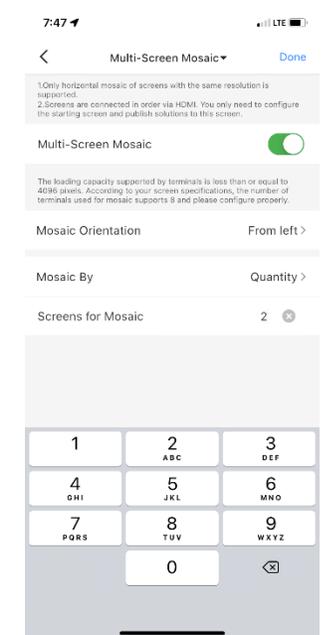
**Step 4:**  
Toggle On the  
Multi-Screen  
Mosaic slider



**Step 5:**  
Select settings  
above and enter  
screen width:  
2 Screens = 512  
3 Screens = 768  
4 Screens = 1024



**Step 6:**  
Check Quantity  
and click on OK



**Step 7:**  
Enter # of screens  
and click on Done  
  
Your content will  
cast across  
multiple screens

## 9. Common Faults and Trouble Shooting

### Whole display turn to blank screen

NO.	Fault	Fault Analysis	Trouble Shooting
1		<ol style="list-style-type: none"><li>1. Abnormal electrical power supply of display.</li><li>2. Display power does not turned on.</li><li>3. No video source is switched (synchronous or asynchronous)</li><li>4. Fault on controller or switching power.</li></ol>	<ol style="list-style-type: none"><li>1. Check power supply to make sure the display is powered.</li><li>2. Check if display power has turned on.</li><li>3. Check external Ethernet cable.</li><li>4. If former checking is ok, replace power supply cable.</li><li>5. If above checking is ok, replace controller or switching power supply.</li></ol>

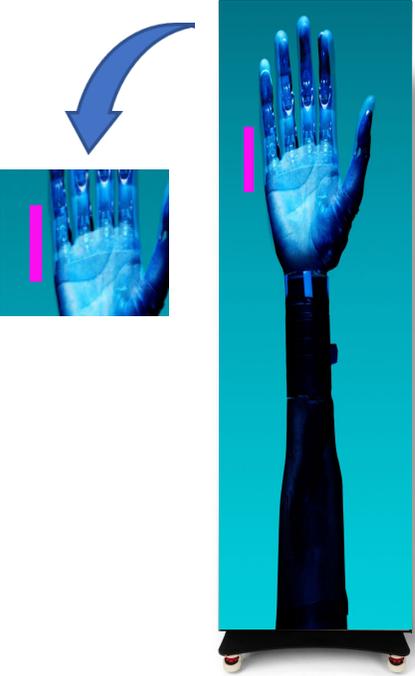
## 9. Common Faults and Trouble Shooting

### Single module turns to blank screen

NO.	Fault	Fault Analysis	Trouble Shooting
2		<ol style="list-style-type: none"><li>1. Poor connection in module signal cable or power cable.</li><li>2. Module fault.</li></ol>	<ol style="list-style-type: none"><li>1. Open display using magnet tool from the front.</li><li>2. Check connection of signal cable and power supply cable on module.</li><li>3. If above cables have been in good connection, connect signal cable and power cable on the faulted module to a spare module to observe the displaying effect.</li><li>4. If spare module can display normally, open glass plate and replace faulted module.</li><li>5. If spare module cannot work, change module signal cable.</li><li>6. If fault remains, change receiving card to find problem; and replace faulted spare parts.</li></ol>

# 9. Common Faults and Trouble Shooting

## Color missing on certain module

NO.	Fault	Fault Analysis	Trouble Shooting
3		Module fault.	1. Change faulted module.

# 9. Common Faults and Trouble Shooting

## Color missing or blank screen on certain module

NO.	Fault	Fault Analysis	Trouble Shooting
4		Signal cable fault. Module fault.	<ol style="list-style-type: none"><li>1. Open display using magnet tool from the front.</li><li>2. Check the signal cable between modules.</li><li>3. Change module signal cable to make sure all cabled are well-connected.</li><li>4. If fault remains, change the faulted module.</li></ol>

## 9. Common Faults and Trouble Shooting

### Two thirds of display turns to blank screen

NO.	Fault	Fault Analysis	Trouble Shooting
5		<ol style="list-style-type: none"><li>1. Poor connection in board power cable.</li><li>2. Board signal output fault.</li><li>3. Board signal input fault.</li></ol>	<ol style="list-style-type: none"><li>1. Open display using magnet tool from the front.</li><li>2. Check power cable of board.</li><li>3. Connect signal input cable of board and check if two thirds of display can show image.</li><li>4. If two thirds of display can show image, replace board;</li><li>5. If display still has blank screen, change board.</li></ol>

## 9. Common Faults and Trouble Shooting

### Disorder image on display

NO.	Fault	Fault Analysis	Trouble Shooting
6		1. Setting error.	1. Reload display configuration files.

## 9. Common Faults and Trouble Shooting

### Repeated image on display

NO.	Fault	Fault Analysis	Trouble Shooting
7		LED display setting error.	Reload display configuration files.

## 9. Common Faults and Trouble Shooting

### Half of display turns to blank screen

NO.	Fault	Fault Analysis	Trouble Shooting
8		<ol style="list-style-type: none"><li>1. Power cable fault between switching power supply and module.</li><li>2. Switching power supply fault.</li></ol>	<ol style="list-style-type: none"><li>1. Check power cable between switching supply power and related module.</li><li>2. If above checking is normal, change the switching power supply.</li></ol>



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If you have any questions regarding our products or warranty information, please visit us at [www.displays2go.com](http://www.displays2go.com) or contact D2G customer service 844-221-3393.