



Seesharp ePoster User's Manual



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1. Setting up

1.1 Free Standing

Place the device on a flat floor, fully Pull out the kick stand

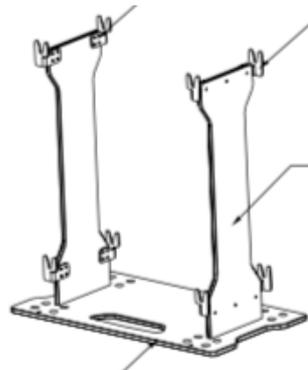


1.2 With base stand

Assemble the side plates onto the base plates with the screws provided.
Assemble the tool-less bolts onto the ePoster.



Single-side installation position



Double-side installation position





1.3 With wall bracket

- Secure the wall bracket on the wall
- Secure the bolts on the device
- Hang the device onto the wall bracket



- After setting up the device
- Plug the power cable. Switch on the power button
- Power indicator light will turn on once power is on



2. Connecting to the Seesharp ePoster

2.1 Connect with USB cable



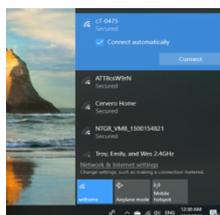
Use the included USB Type A to Type B cable to connect the computer to the device, the device will show up in the software's device list. This method will always work, use this method if you forget the WiFi password or cannot connect to the ePoster with other methods.

2.2 Connect through the Built-in WiFi Access Point

The Seesharp ePoster has built-in WiFi and it's turned on by default. In this mode, the Seesharp ePoster works as a Wireless router, computers or smart phones can be connected to it through this WiFi. The default WiFi SSID is the device's serial number, the default password is 123456789. They can be changed in the Windows/Mac software.

Note: The WiFi Access Point may be not visible if the network mode is not set to WiFi Hostspot mode. To change it, use the USB cable method to connect to the device and change the network setting in the Windows/Mac software (See software instruction Network setting section)

Connecting to WiFi AP on Windows



Connecting to WiFi AP on iOS





2.3 Connect through WiFi Router

See software instruction network setting section

2.4 Connect through Ethernet

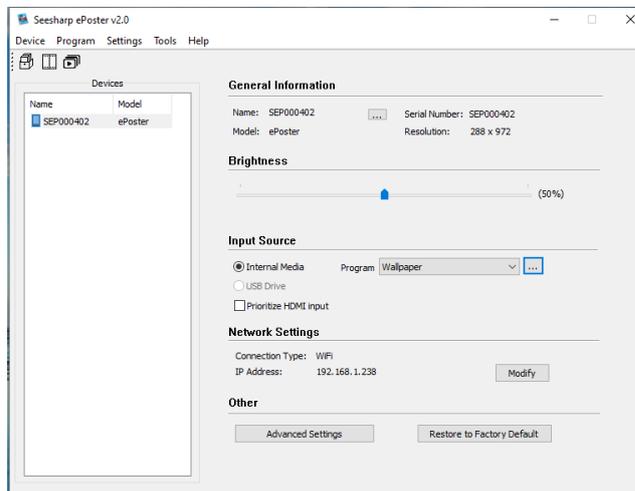
See software instruction network setting section

3. Software Instructions

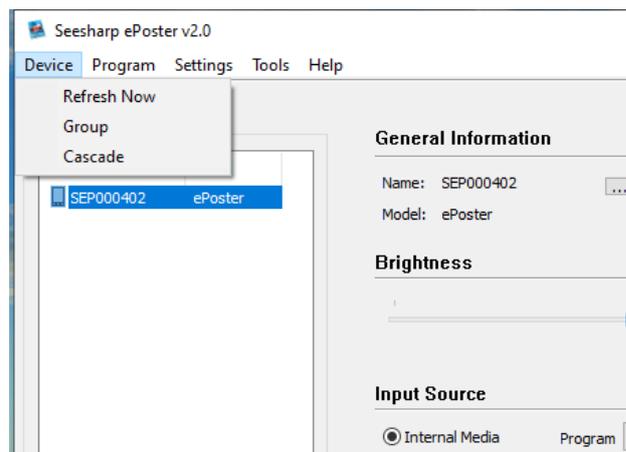
3.1 Windows Software

Download the software from www.seesharpvisual.com, and open the software.

Connect the ePoster with USB Type A - Type B cable or through other connection method. The connected Seesharp ePosters will show up in the Devices list.



3.1.1 Menu Introduction



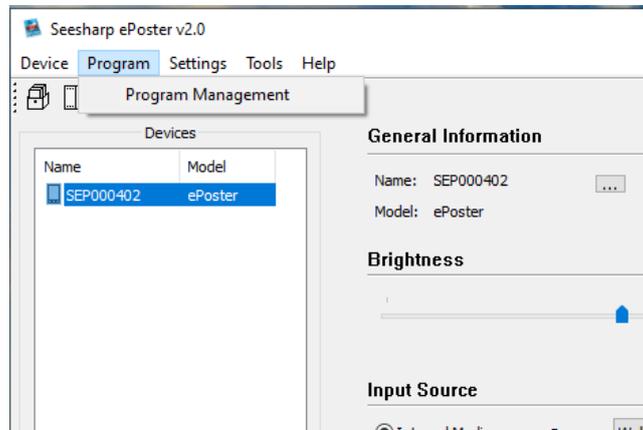
3.1.1.1 Device, Device menu includes 3 functions

3.1.1.1.1 Refresh Now: fresh the device list.

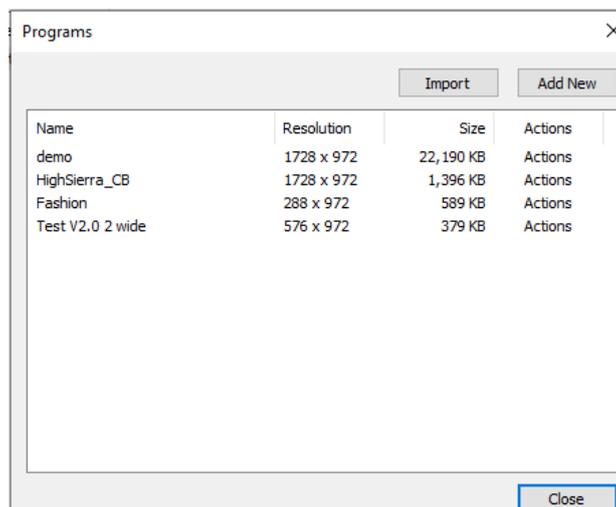
3.1.1.1.2 Group, form a group for multiple ePosters. All operation for this group will apply to all ePosters in this group.

3.1.1.1.3 Cascade, Cascade multiple ePosters to a larger screen.

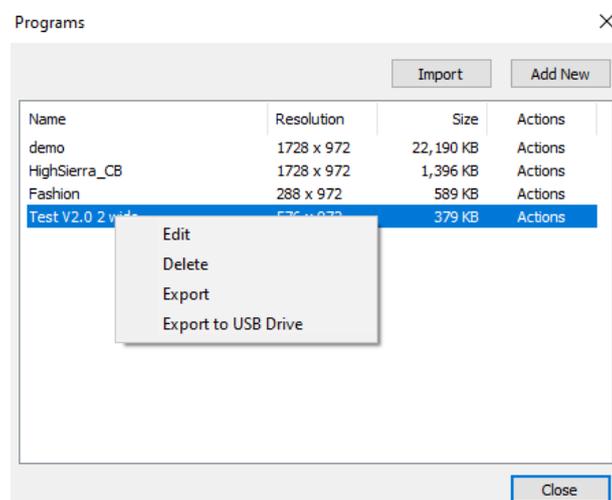
3.1.1.2 Program ,



3.1.1.2.1 Program management will lead to the programs window, with options to select previously uploaded program, add new program, or import program.



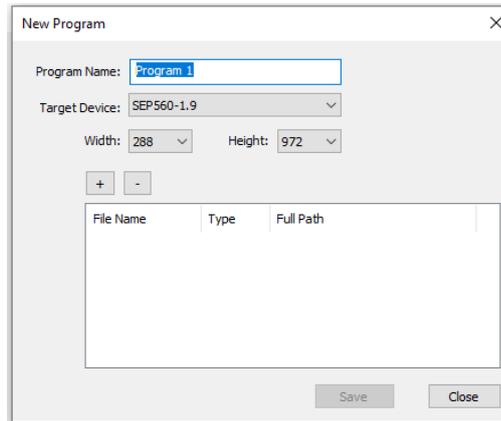
3.1.1.2.1.1 Select a program from the programs list to upload content to the ePoster. Right click on the program to edit, delete, export the program, or export the program to USB Drive.



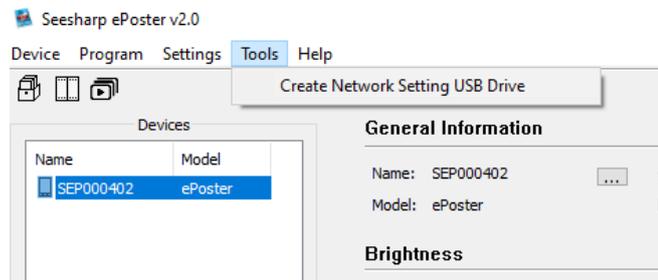
3.1.1.2.1.2 Import. To import the exported program and upload the program to an ePoster.

- 3.1.1.2.1.3 Add New. Name the program, then select target device from the dropdown list. Target devices are the ePoster models. Once target device is selected, its resolution will be shown in the Width (xxx) Height(xxx) section. By default, the content will be applied to 1 ePoster. Select more than 1 ePoster wide from the width dropdown list to apply the program to a wider screen when needed. Click “+” and follow software guide to load picture/video from your computer. All programs uploaded will be saved in the software under the programs list.

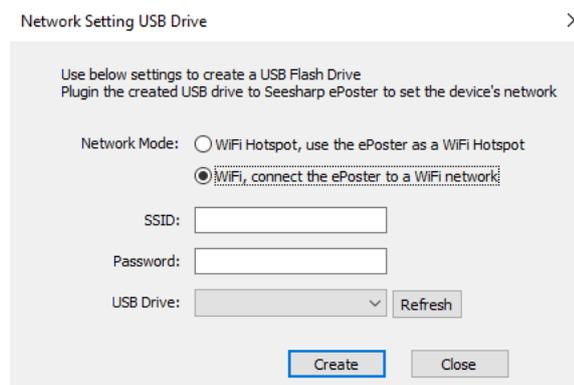
For more instructions, see below 3.1.5.1.2 “ Add New” program



- 3.1.1.3 Settings. Select Language from the Settings section
- 3.1.1.4 Tools.



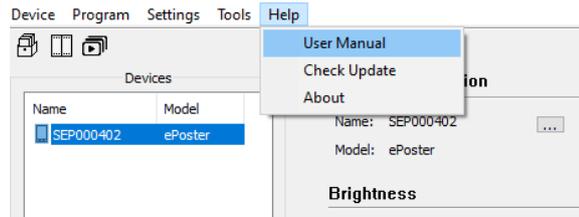
- 3.1.1.4.1 Create Network Setting USB Drive: Conveniently copy a network setting to multiple ePosters with a thumb drive with data created from this function. Plug an USB Drive onto the computer, click to enter Create Network Setting USB Drive. The Following window will pop up. Input the target network information, then click Create. The network setting data will be stored in the USB drive. Plugging the USB drive to any ePoster will automatically set the ePoster’s network to the same network settings created in the USB Drive.



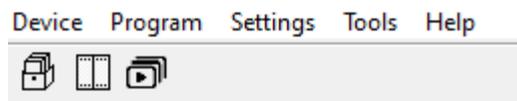
WIFI Hotspot, each ePoster has a built in WIFI hotspot which can be used as a WIFI access point for other ePosters. SSID is the serial number of the ePoster that is functioning as a hotspot for other ePosters. Password is 123456789 by default. Password can be changed or might have been changed under “network settings.”

WIFI network is the network with your target router.

3.1.1.5 Help. User Manual, software update information and About information can be found from the Help menu.



3.1.1.6 The 3 icons provide quick access to 3 functions respectively: Group, Cascade and program management.



3.1.2 Device List

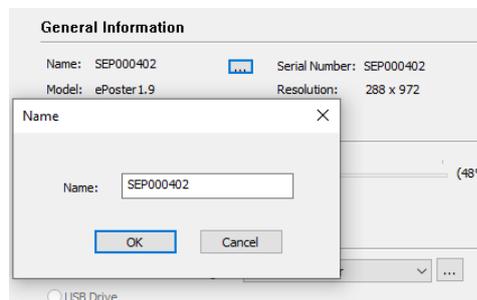
The connected devices will be displayed in the device list
 The column Name is the device name which can be specified by the user
 The column Model is the model name of the device

Click the device name, the device information will show up on the right side.

3.1.3 General Information

3.1.3.1 Name

The device name, the default device name is the serial number.
 To change the device name, click “...” button, a New name input dialog will popup



Input the new name, click OK. The new name will be stored on the device. Or click cancel to cancel.
 After the name is changed, the new name will be updated in the device list.

3.1.3.2 Serial Number

The device’s serial number

3.1.3.3 Model

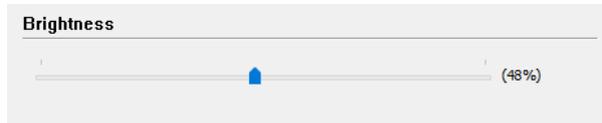
The device’s model name

3.1.3.4 Resolution

The device's resolution

3.1.4 Brightness

Display and change the device's brightness, the range is 0-100%



To change the brightness, drag the slider and move to the new position, the new brightness will take effect when you release the mouse button.

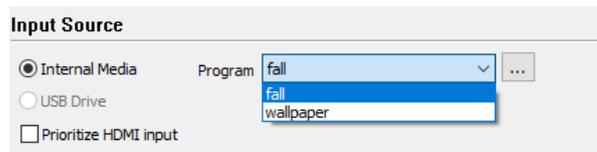
3.1.5 Input Source

Input Source controls the media content displayed on the device

3.1.5.1 Internal Media

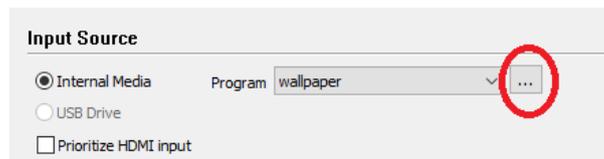
When internal media is selected, the device plays the content from built-in media player. The built-in media plays program (or called playlist) defined by the users.

3.1.5.1.1 Select an existing program to play a program previously uploaded to the device, select the program from the program list

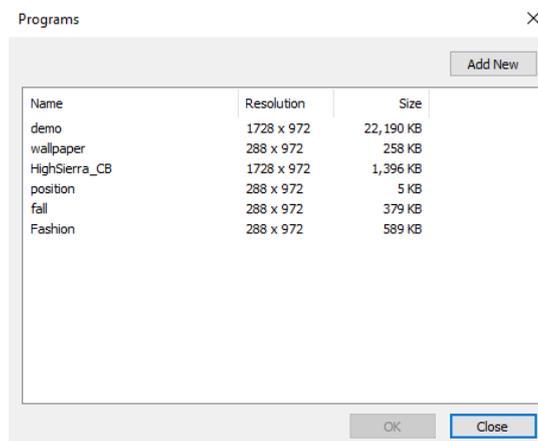


3.1.5.1.2 Add new program

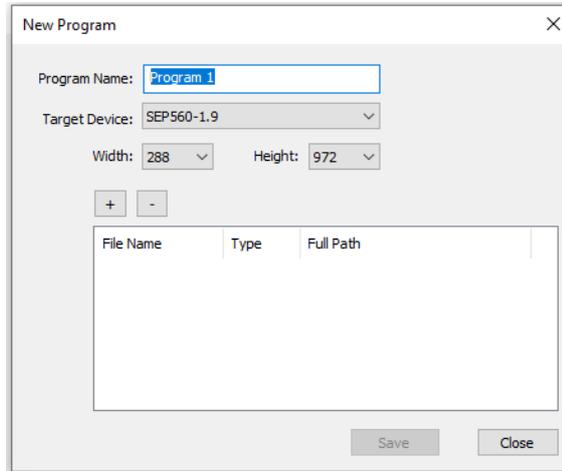
To add a new program to the device, click “...” button



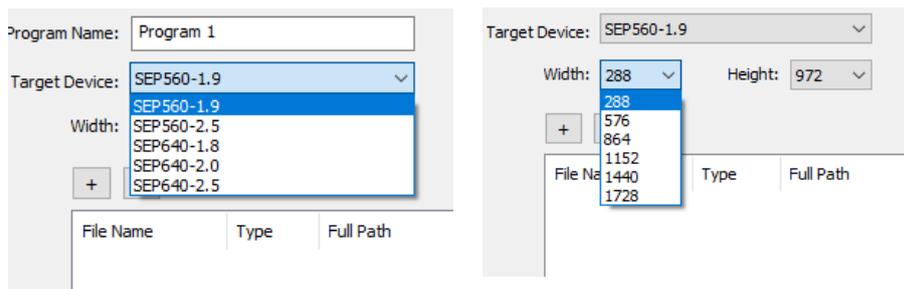
The popup window will list all programs on this computer and on the device
If the desired program already in the list, select the program and click OK



To create a new program, click “Add New” button, a “New Program” window will popup

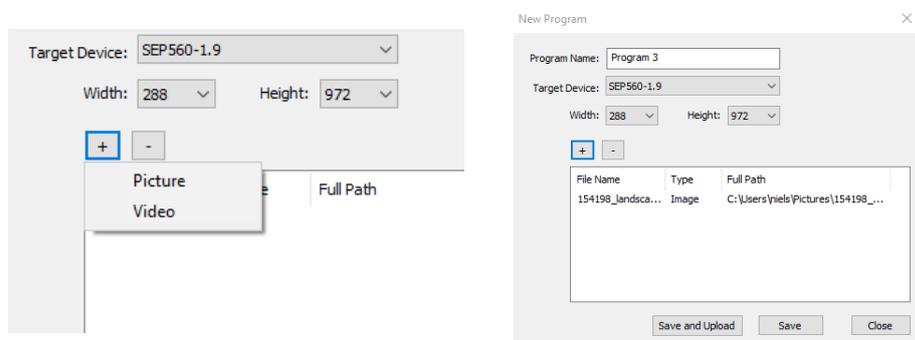


Name the program. Default program name will be “Program 1/2/3..”, then select target device from the dropdown list. Target device should be the ePoster model. Once target device is selected, its resolution will be shown in the Width (xxx) Height(xxx) section.



By default, the new program will be applied to 1 ePoster. If the content is to be displayed on multiple cascaded devices, select the number from the width dropdown list representing the total pixels of the devices. Click “+” and follow software guide to load picture/video from your computer.

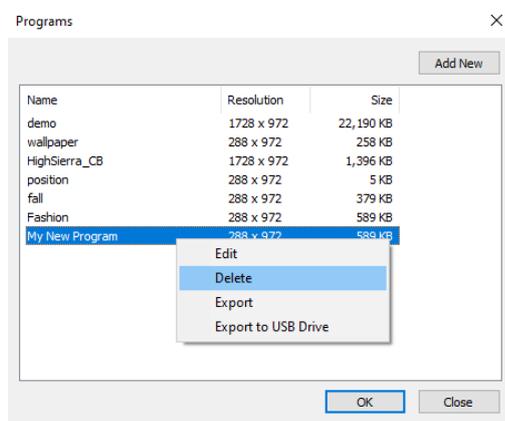
To delete an image or video from the list, select the item and click the button “-”
When multiple image or video are selected, they will be played sequentially.



“Save and Upload”: to save the program to the software on this computer and upload the program to the ePoster immediately.

“Save”: to save the program in the software on this computer, the program will go into the program list here. You could select this program to upload to the ePoster later when needed.

Select the program and right click, a context menu will popup



Select Delete to delete the program.

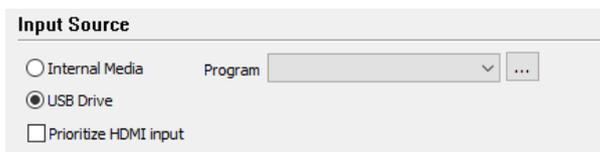
Select Edit to Edit a program.

Export, the program can be exported to a file and then be imported to an ePoster through the software import function under program.

Export to USB Drive, the program can be exported to a USB Drive then be displayed by plugging in the USB Drive directly onto an ePoster.

3.1.5.2 USB Drive

When a USB Flash drive with valid program is plugged into the device’s USB port, the USB Drive option becomes enabled and selectable.



When the USB drive with valid program is plugged in, the device will automatically switch to the program on the USB drive.

Valid program can be exported from the program list by right click the program name and select “Export to USB”;

3.1.5.3 Prioritize HDMI Input

When the “Prioritize HDMI input” is checked, the device will automatically switch to HDMI content.

3.1.6 Network Settings

3.1.6.1 Connection Type

3.1.6.2 IP Address

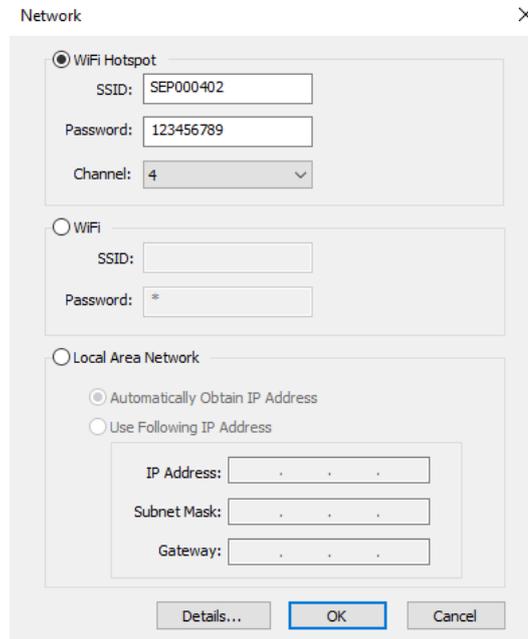
3.1.6.3 Details

3.1.6.4 Modify, click modify to change network settings.

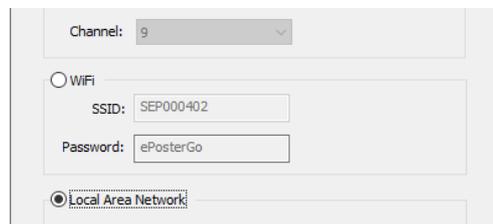


3.1.6.4.1 Wifi Hotspot. By default, the ePoster is configured with WiFi Hotspot.

SSID is set to be the serial number by default. SSID can be changed here.
 Password is set to be 123456789 by default. Password can be changed here.
 Channel, Channel selection ranges from 1 to 11.



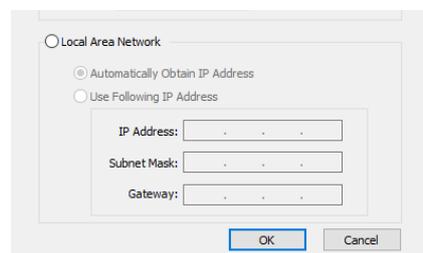
3.1.6.4.2 WIFI. SSID is the target WIFI router number. Password is the target WIFI router password



3.1.6.4.3 Local Area Network

Automatically Obtain IP Address, when ePoster is connected by ethernet, the IP address can be Automatically obtained.

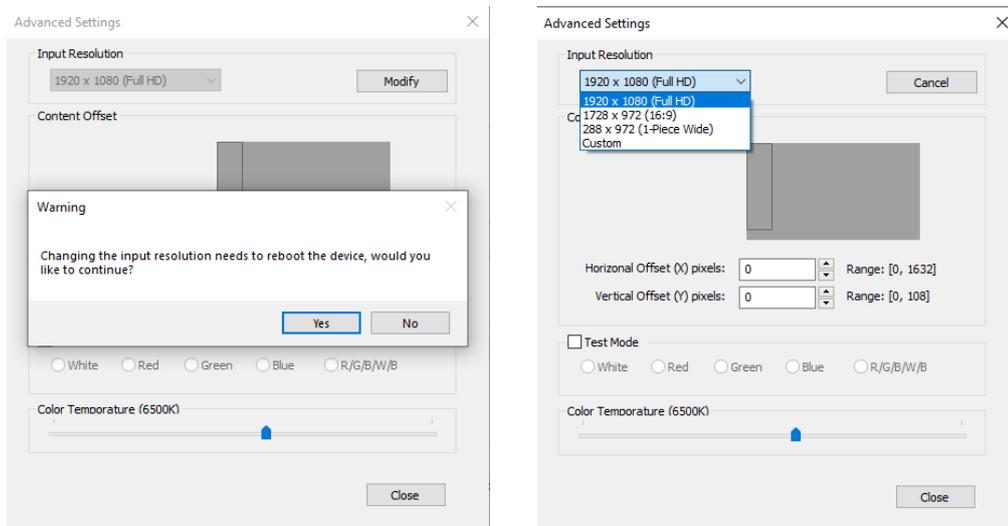
Use Following IP Address: input specific IP address to change the network setting of the ePoster.



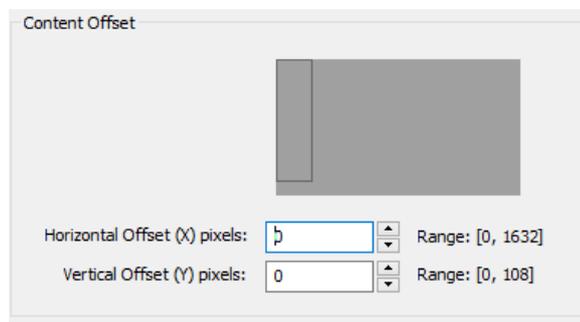
3.1.7 Other

3.1.7.1 Advanced Settings

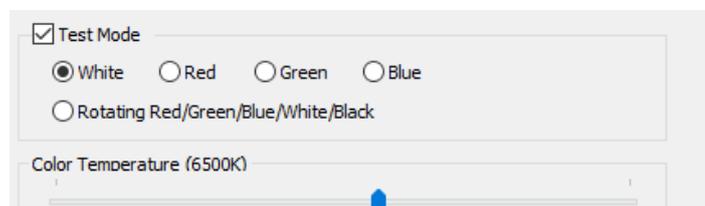
3.1.7.1.1 Input Resolution. By default input resolution is set to be 1920 x 1080 (full HD). Other resolution or custom resolution can be set from the dropdown list
 Changing the input resolution needs to reboot the device. Select “yes” to go to next step.
 Click apply when setting is finished.



- 3.1.7.1.2 Content Offset is used to shift the content displayed on the ePoster when the content is larger than the ePoster. The starting point (0,0) is at the left top point. The grey block presents the complete picture, by dragging and moving the grey block, the picture will be shifted on the device.
 Horizontal Offset (X) pixel: the total pixels that the picture will shift on X coordinator
 Vertical Offset (Y) pixel: the total pixels that the picture will be shifted on Y coordinator.

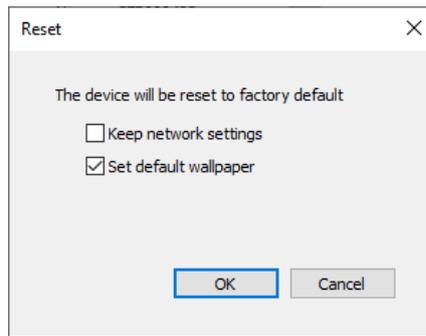


- 3.1.7.1.3 Test Mode
 By Checking Test Mode, the ePoster can display White, Red, Green, Blue color or circulation of Red, Green, Blue, White and Black color.



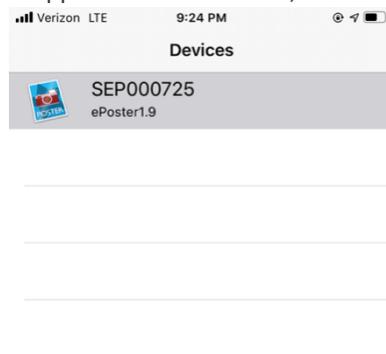
- 3.1.7.1.4 Color Temperature
 Drag the slider to change color temperature.

- 3.1.7.2 Restore to Factory Default
 When click restore to factory default, a window will pop up with options to keep network settings or default wallpaper. By clicking one of the two options. All data will be erased except for the option checked.
 By clicking OK, the reset will go to next step, a progress bar will popup.
 When reset is finished, a window will pop up confirming device has been reset to factory default



3.2 iPhone App

When a smart phone is connected to the ePoster through the ePoster built in WIFI Access Point, or through an external router (see 3.1.6 network setting for ways to connect), the devices will be listed on the front page of the Seesharp ePoster app. Click on the device, the device control page will show up.

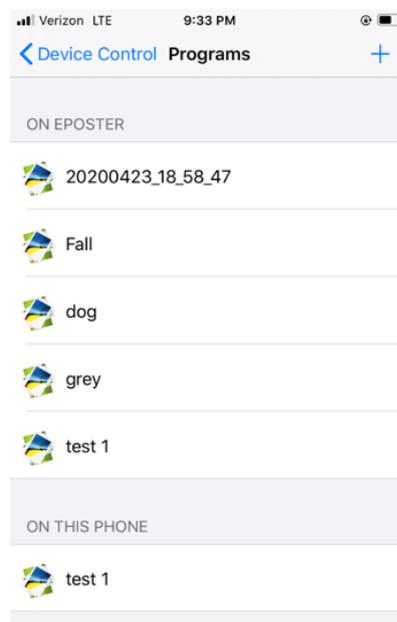


3.2.1 General. General information of the device

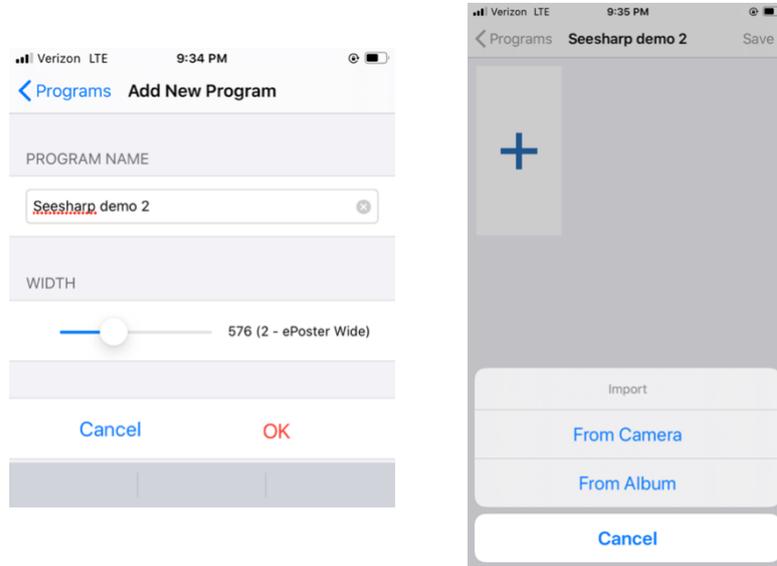
- 3.2.1.1 Name, name of the device. The device can be re-named here.
- 3.2.1.2 Model, model information of the device.
- 3.2.1.3 Serial Number, Serial number of the device
- 3.2.1.4 Resolution, pixel counts on width and height of the device.

3.2.2 Program

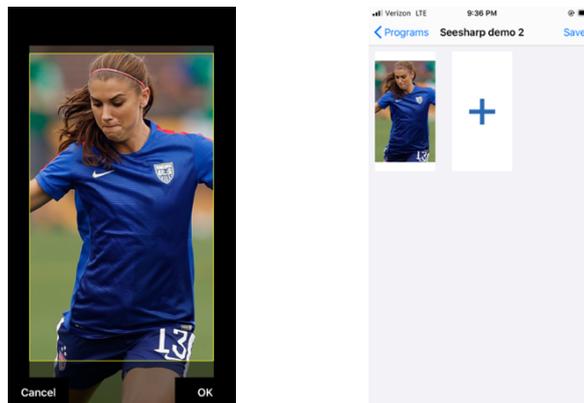
- 3.2.2.1 Program name, the name of the program uploaded in on the ePoster from the internal storage.
 - 3.2.2.1.1 Click to enter Program name. All programs uploaded will be shown in the list.



- 3.2.2.1.1.1 Click “+” to add more program.
- 3.2.2.1.1.1.1 Program name. Enter a name for the program here.
- 3.2.2.1.1.1.2 Width. Select how many ePosters on the width the content is to be displayed with. Select OK to go to the content upload page
- 3.2.2.1.1.1.3 “ Click +” to select content from Camera or Album



From Camera, select content by taking a picture/video with your phone.
 From Album, select content from the smart phone album.
 Select one of above to go next step.
 Pictures can be cropped here. Click “+” again to add more pictures/video to the program. Pictures/video added in the same program will be played in sequence.



- 3.2.2.2 Prioritize HDMI input, by activating this option, the ePoster will receive HDMI content over other input options.
- 3.2.3 Brightness, the brightness of the screen. Brightness can be changed by dragging the slider.
- 3.2.4 Advanced Settings
 - 3.2.4.1 Input Resolution. By default, input resolution is set to be 1920 x 1080. Other options are available when enter the settings.
 - 3.2.4.2 Content offset. Starting from left top position (0,0), a number of pixels will be shifted Horizontally and vertically.
 - 3.2.4.2.1Horizontal (X). X number of pixels on the X axis that the content will be shifted.
 - 3.2.4.2.2 Vertical (Y). Y number of pixels on Y axis that the content will be shifted.



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3.2.4.3 Color Temperature. Color temperature from cold to warm of the ePoster can be changed by dragging the slider. Default value is 6500K.

3.2.4.4 Test mode. By clicking test mode, patterns of White, Red, Green, Blue and rotating of White, Red Green and blue will be available for selection.

3.2.4.5 Restore to factory default. Data input or edit on the ePoster will be erased when restore to factory default.

4 Specification

Model	SEP560-1.9	SEP560-2.5
Display Resolution (W x H)	288 x 972	224 x 756
Pixel Pitch	1.944mm	2.5mm
Display Size (W x H)	22.05" x 74.41" / 560 x 1890mm	
Dimension (W x H x D)	22.76" x 75.28" x 3.07" / 578 x 1912 x 78mm	
Weight	92 lbs / 42 kg	73lbs / 33kg
Power Input	100-240 AC 50/60Hz	
Max. Power Consumption	650W	560W
Avg. Power Consumption	275W	240W
Connectivity	WiFi AP, WiFi, LAN, USB-Tethering, USB, HDMI In/Out	
Total Pixels	279,936	169,344
Maximum Brightness	750 cd/m ²	750 cd/m ²
Viewing Angle	Horizontal: 160°, Vertical: 140°	
Gray Scale	16-bit	
Refresh Rate (Hz)	>= 2880	
Frame Rate (fps)	60	
Operating Temperature	14°F to 113°F / -10°C to 45°C	
Operating Humidity	10 - 90% RH	
IP Rating	Front IP40 / Rear IP40	
Operating Life	100,000 hours	
LED Type	SMD1515	SMD2020
Module Size	280x210mm	
Module Resolution (W x H)	144 x 108	114 x 84
Scan Mode	1/27 dynamic scan	1/28 dynamic scan
Module Count	18	18

5.Trouble Shooting

Problem description	Probable cause	Treatment
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One module of the ePoster displays nothing while the module power is on	1. The data cable from the HUB board to this module is loose or disfunctioning	Re-connect or replace the data cable
	2.the module is defective	Repalce the module
	3.the data input port on the module is defective	Replace the module
	4.the data output port on the HUB board is defective	Repalce the hub board
One module of the ePoster is black	1.The power cable from the HUB board to this module is loose or defective	re-connect or replace the power cable
	2.Data tranmission for this module is disfunctioning	See problem and treatment No.1
The whole ePoster displays nothing	1.the power is off	check the power and turn it on
	2.the input source is HDMI prioritized but there is NO HDMI input	change the input source to internal media from the software
	3.the X position is NOT zero	setup the X position to zero in the software
	4.the brightness of the ePoster is set to zero	setup the brightness to normal
	5.the data cable between the bottom receiver card and the main controller is loose or disfunctioning	re-connect or replace the data cable
	6.the power supply connected to the main controller is defective thus the power of the main controller is off	replace a power supply
	7.the bottom receiver card is power-off because the power supply connected to this card has no DC output or the DC cable between the bottom HUB and the power suppy is bad	replace a power supply / re-connect the DC cable
	8.the main controller is defective	replace the controller
One third on top of the whole ePoster displays nothing & the rest area the ePoster works well	1.the data cable connected to the top HUB from the centre HUB is defective or the connection between them is bad	replace the data cable /re-connect the data cable
	2.the DC cable connected to the top HUB from the power supply is bad or the connection between them is bad	replace the DC cable /re-connect the DC cable
	3.the power supply connected to the top HUB is defective	replace a power supply



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	4.the top HUB / Receiver card is defective	replace the top HUB / RV card
	5.the Y position of the playing window is NOT zero	setup the Y position of the playing window to zero
	6.the RJ-45 port on the top HUB is defective	replace the top HUB
	7.the RJ-45 port on the centre HUB is defective	replace the centre HUB
Two thirds on top of the whole ePoster displays nothing & the rest area the ePoster is working well	1.the data cable connected to the centre HUB from the bottom HUB is defective or the connection between them is bad	replace the data cable /re-connect the data cable
	2.the DC cable which is connecting to the centre HUB from the power supply is bad or the connection between them is bad	replace the DC cable /re-connect the DC cable
	3.the power supply which is connecting to the centre HUB is defective	replace the power supply
	4.the centre HUB / RV card is defective	replace the centre HUB / RV card
	5.the Y position of the playing window is NOT zero	setup the Y position of the playing window to zero
	6.the RJ-45 port on the centre HUB is defective	replace the centre HUB
	7.the RJ-45 port on the bottom HUB is defective	replace the bottom HUB
can not find the wifi from the ePoster	1.the wifi hot spot is off	trun on the wifi hot spot from the software network settings
	2.the power is off	check the power and turn it on
	3.the main controller is defective	replace a good main controller
the wifi from the ePoster is weak	1.the antenna is defective	replace the antenna
	2.the cable connection from the the antenna to the main controller is not in a good condition	re-connect the cable from the the antenna to the main controller