LUMME
LED LIGHTING

LED DIGITAL POSTER SYSTEM

AP SERIES



SWB
SERVICES

PRODUCT FEATURES

SWB digital poster screens are free-standing, floor-mounted displays designed for high-impact visual performance. With a high-resolution display, they deliver stunning clarity for any application. Featuring quick installation and fast service connections, these screens ensure minimal downtime and maximum efficiency. As an all-in-one multimedia solution, they support various content formats, making them incredibly versatile. For a larger display, simply join multiple screens together for an extended, seamless viewing experience.

- **Energy Saving**
- **Ultra Slim Design**
- **High Brightness**
- **Easy Maintenance**
- **Wifi Wireless Control**
- **High Definition Display**



Free Standing Floor Mounted



Double Sided Version

SPECIFICATION

Model No.		Poster Screen 151	Poster Screen 181	Poster Screen 251
Physical Parameters	Pixel Pitch	1.53mm	1.86mm	2.5mm
	LED Type	SMD1212	SMD1515	SMD2020
	Module Size (mm)	320 x 160	320 x 160	320 x 160
	Model Resolution (dots)	208 x 104	172 x 86	128 x 64
	Screen Size (W x H x D)	640 x 1920 x 50mm		
	Panel Weight (kg)	35kg		
	Panel Resolution (W/H) Pixels/panel	416 x 1248	344 x 1032	256 x 768
	Screen Size (W x H x D)	960 x 1920 x 50mm		
	Panel Weight (kg)	55kg		
	Panel Resolution (W/H) Pixels/panel	627 x 1248	516 x 1032	384 x 768
	Frame Material	Aluminium Frame		
	Surface Treatment	SMD or GOB Two Options		
Electronic Parameters	Calibrated Brightness (cd/m²)	≥600 nits		
	Refresh Rate (Hz)	≥3840 Hz		
	Grayscale (bit)	14 bit		
	Contrast Ratio	10000 : 1		
	Colour Temperature (K)	2800K - 10000K		
	View Angle (H/V°)	H170° / V155°		
	Frame Frequency (Hz)	50/60 Hz		
	Input Voltage	100 - 240 V		
	Max. Power Consumption Per Panel	600W		480W
Application Parameters	Average Power Consumption Per Panel	200W		160W
	Storage Temperature (°C)	-20 ~ +45		
	Operating Temperature (°C)	-10 ~ +40		
	Storage Humidity (RH)	10% - 80%		
	Operating Humidity (RH)	5% - 95%		
	IP Rating (Front & Rear)	IP4X / IP30		
	LED Lifetime (hrs)	100 000		
	Maintenance Method	Rear Service & Maintenance		
	Interface	Support Multiple Input Ports		

Note: There are various versions for indoor poster which provided to different market, due to influence of control system. Please contact our customer service team to get pricing according to your project demands

RoHS CE

APPLICATIONS



Cultural Venues (Museums, Libraries etc.)
Display cultural news and exhibition information. The high-definition display and flexibility add visual appeal and artistic impact to cultural events.





Retail and Supermarkets
Display product ads, promotions, and more to enhance the shopping experience.



Restaurants
Showcase brand background, promotions, and new arrivals to visually attract customers to the food.



Public Transport
Broadcast news, public service announcemens, and other information to provide convenient access to essential updates.



Cinema and Theatre
Play movie trailers and advertisements to provide a more immersive and impactful visual experience.



School and Training Centers
Useful as a teaching tool to display content, reports and important information. High clarity and colour accuracy can help students engage better.

STAND ASSEMBLY

COMPONENTS



Base Support
x2



Base



M6 Screws
x4



Main Power Cable



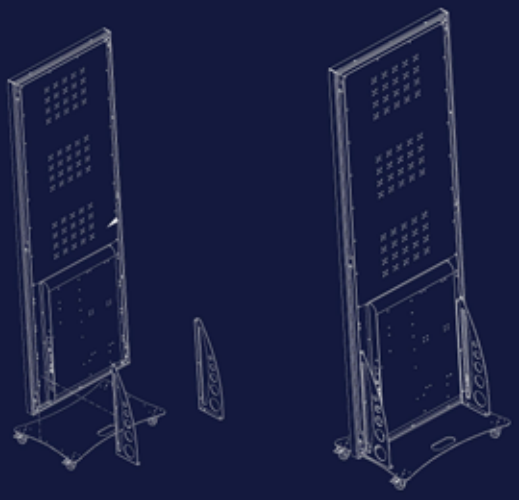
LED Display Panel

LED Poster Screen Assembly Method:

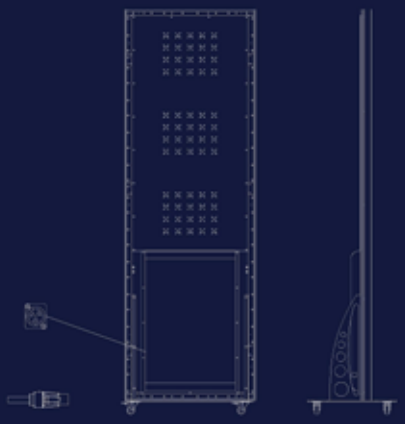
1. As shown in the diagram, first place the base supports vertically on the base. Fix each support with 4 M6 screws, for a total of 2 base supports.
Note: Ensure the direction of the base supports is correct and not reversed. The base support bend curves in facing each other.



2. Unscrew 6 M4 screws (3 from each side) from the LED display panel. Then place the LED display panel vertically on the base and secure it with the 6 M4 screws onto the base support.



3. Insert the main power cable aviation plug (male) into the corresponding aviation socket on the back of the LED display. The cabinet is labeled with a silkscreen mark "POWER IN" for the power aviation socket.



DEVICE SET UP

How to connect and wiring:

1. Basic Connection

- For wireless control of the LED Poster Screen without cascading, only a power cable is needed.
- Place the LED Poster Screen stably at the desired location before connecting any cables.
- The **blue round end** of the power cable should be connected to the **blue power socket** on the rear left side of the LED Poster Screen, while the other end, a standard plug, should be connected to the power outlet.



- For cascading models (optional), ensure that all HDMI cables (for models with HDMI input), LAN cables, and power cables are connected before plugging into the power supply. Once connected to the power, the device will start automatically.

How to connect to the LED poster screen:

1. Via Wi-Fi

- The LED Poster Screen defaults to AP mode. Use a mobile device or computer to search and connect to the LED Poster Screen's SSID.
- After joining the network, you can use the control software (see visual setup) to set up the device.
- For the specific SSID and password, refer to the manual for the respective brand and model or check the back of the display panel.

2. Via LAN

- When using a wired network, the LED Poster defaults to DHCP mode (automatic IP assignment).
- Connect a mobile device or a computer to the same network segment, and you can configure the device through the control software.

VISUAL SET UP

SET UP INSTRUCTIONS

1. Power on the LED Display

I. Connect the LED display to a power source and wait for it to boot up.

2. Download the App

I. For PC users: Visit the official website www.colorlightinside.com, navigate to Support Services> Download Centre, and download **PlayerMaster**.

II. For Mobile Devices users: (app) Search for **LED Assistant** the app store> Download and Install.



3. Connect to the LED Display

I. Wired Connection: Use a USB cable to connect one end to the computer and the other to the LED display's USB port. Once connected, launch the PC software PlayerMaster to edit and manage programs.

II. 1. Wireless Connection: Enable WiFi on your device and search for the corresponding LED WiFi network. The WiFi name and password are labeled on the back of the LED display.

III. 2. Open the app, enter the terminal password **Console@123**, log in to edit program: Select Correct Terminal (top left menu) > Add Program (+) > Input the LED screen resolution > Add content> Send the program to the display ( ) > Click publish program.

LED Screen Resolutions	Size
P1.53	416 x 1248
P1.86	352 x 1032
P2.5	256 x 768