



Product Overview

Modular LED poster displays are high-impact digital signage solutions designed to deliver bright, dynamic, and customizable visual content in any commercial environment. Built with lightweight aluminum frames and high-resolution LED panels, these displays offer exceptional clarity, vibrant color, and seamless scalability. Each unit can operate as a standalone poster or be combined with additional modules to create larger video walls, vertical towers, or panoramic advertising surfaces.

Features

- Waterproof IP65, suitable for both indoor and outdoor use
- 5000NIT daylight brightness
- Multi-screen seamless splicing
- 3840Hz high refresh rate
- Smart cloud management



Seamless LED Video Wall

Up to 8 LED posters can be combined into a seamless HD video wall. A seamless LED poster wall delivers ultra-bright, high-resolution visuals with no visible bezels, creating a smooth, uninterrupted viewing experience that captures attention instantly.



3840Hz High Refresh Rate

A 3840Hz high refresh rate LED display delivers exceptionally smooth, flicker-free visuals that are ideal for video playback, live broadcasts, and camera-facing environments.



IP65 Waterproof

IP65 weatherproofing ensures LED displays are fully protected against dust and low-pressure water jets, making them ideal for reliable outdoor and semi-outdoor use.



3000-5000nits High Brightness

5000-nit brightness enables LED displays to deliver vivid, high-contrast visuals that remain clearly visible even in direct sunlight and high-ambient-light environments.



Ultra-Wide Viewing Angle

An ultra-wide 140-degree viewing angle ensures LED displays deliver consistent brightness, color accuracy, and image clarity from nearly any direction.



Plug-and-Play

Plug-and-play LED displays simplify installation with preconfigured components that allow for fast setup and immediate operation—no complex programming required.



Specifications

Pixel pitch(mm)	P2.5	P3.07	P4	P5
Pixel Pitch	2.5mm	3.076mm	4mm	5mm
LED package	GOB/HOB/SMD	COB/GOB/HOB/SMD	GOB/HOB/SMD	GOB/HOB/SMD
Module resolution (W×H)	128×64pixels	104×52pixels	80×40pixels	128×64pixels
Physical density	160,000 dots/m ²	105,688 dots/m ²	62,500dots/m ²	40,000dots/m ²
Module dimension (W×H)	320mm×160mm			
Display dimension (W×H)	640×1920mm			
Module arrangement (W×H)	2×12			
Cabinet flatness	≤0.1mm			
Cabinet dimensions(W×H)	640mm×480mm			
Weight	≤57.5kg			
Serviceability	Front-access			
Viewing angle (H/V)	140°/140°			
Screen flatness	≥98%			
Chromaticity uniformity	±0.003			
Contrast ratio(max)	5,000:1			
IP rating	IP45			
Color depth	14-16bit			
Driving mode	1/43S			
Refresh rate	≥3,840Hz			
Color temperature	2,000K-9,500K(adjustable)			
Input voltage	AC: 110V-240V, 50-60Hz			
Max. power consumption	≤600W/m ²			
Ave. power consumption	160W/m ² - 265W/m ²			
MTBF	≥10,000hrs			