

ENVOLTAGE® FOLDABLE LED POSTER DISPLAY

PIF Series



Innovative Folding Design

PIF Series foldable LED poster screen is 50% smaller in volume after folding, greatly improving transportation and storage efficiency. The double-sided display design can present different content, and can also display a unified large picture after unfolding, easily meeting the needs of different venues.

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.

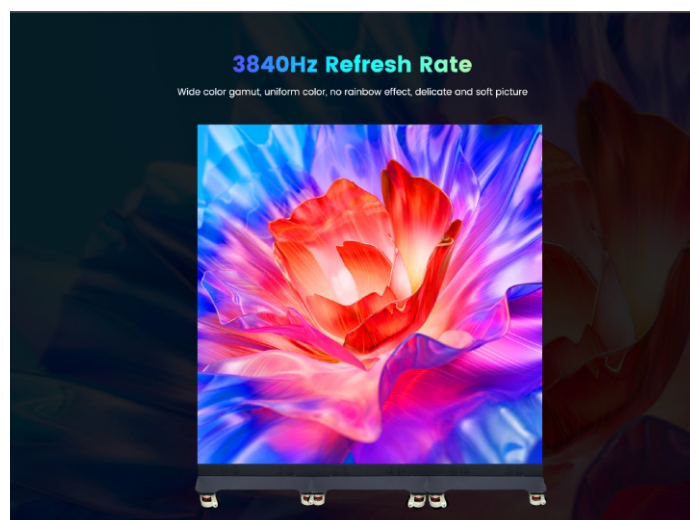
Features

- Easy to move
- 5000:1 High contrast ratio
- Plug and Play
- Wide viewing angle
- Foldable and portable
- Smart cloud management
- Front maintenance
- Multi-screen seamless splicing
- 3840Hz high refresh rate



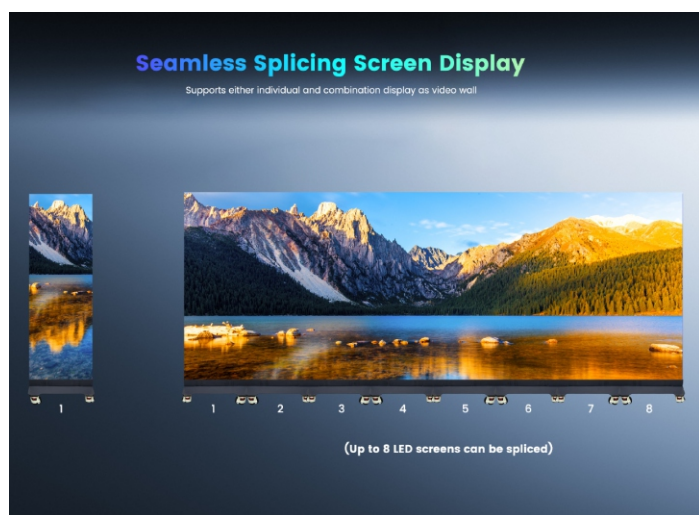
3840Hz High Refresh Rate

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.



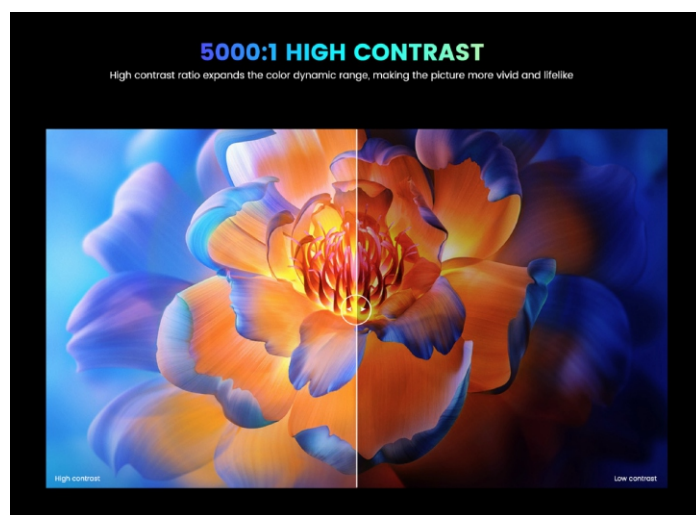
Multi-screen Splicing

PIF Series poster screen features a foldable frame and a quick-lock mechanism, allowing for quick splicing and multiple screen combinations, making it easy to create large-screen displays.



High Contrast Ratio

A high contrast ratio creates deeper blacks and brighter whites, resulting in sharper images, more vibrant colors, and improved visibility in all lighting conditions.



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.



Front Maintenance Design

PIF Series foldable poster LED screen incorporates magnetically attached LED modules that are easily removed from the front of the display for service and maintenance.



Specifications

Pixel pitch(mm)	P1.25	P1.53	P1.86	P2	P2.5
LED package	COB/GOB/HOB/SMD	COB/GOB/HOB/SMD	COB/GOB/HOB/SMD	GOB/HOB/SMD	GOB/HOB/SMD
Module resolution (W×H)	256×128pixels	208×104pixels	172×86pixels	160×80pixels	128×64pixels
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				
Physical density	640,000dots/m ²	422,500dots/m ²	289,050dots/m ²	250000dots/m ²	160,000dots/m ²
Brightness	600-800cd/m ² (adjustable)				
Viewing angle (H/V)	140°/140°				
Screen flatness	≥98%				
Chromaticity uniformity	±0.003				
Contrast ratio(max)	5,000:1				
IP rating	IP43				
Color depth	14-16bit				
Driving mode	1/43S				
Refresh rate	≥3,840Hz				
Color temperature	2,000K-9,500K(adjustable)				

Application Examples

