BRIGHTWAY LED Lighting

TRI-FOLD LED POSTER DISPLAY - PITF Series



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 single wide screen or as a double sided poster with mirrored or unique content on each side.

Features

- Easy to move
- 5000:1 High contrast ratio
- Plug and Play
- Rear maintenance
- Folding design
- Single and double-sided display
- Dynamic dual sided mode
- Can be spliced into a seamless video wall
- 3840Hz high refresh rate

WARRANTY 5 YEAR WARRANTY

Innovative Folding Design

PITF Series is an innovative folding display that when opened provides a full 128mm x 1920mm HD video screen. The side panels can be rotated to the back side of the screen to create a double sided poster display.



BRIGHTWAY LED Lighting

TRI-FOLD LED POSTER DISPLAY - PITF Series





BRIGHTWAY LED Lighting

TRI-FOLD LED POSTER DISPLAY - PITF Series





BRIGHTWAY LED Lighting

TRI-FOLD LED POSTER DISPLAY - PITF Series

Equipped with Speakers

LED poster screen is equipped with high-quality speakers, synchronizing image and sound output for an immersive audiovisual experience.



Plug & Play

The device automatically operates once connected to power or a signal, requiring no setup for immediate use.



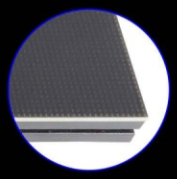


BRIGHTWAY LED Lighting

TRI-FOLD LED POSTER DISPLAY - PITF Series

COB/GOB/SMD/HOB module

Multiple module processes are available for selection



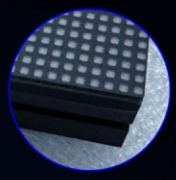
COB LED module

Advantages:

High reliability: No gold wire bonding; strong resistance to static electricity and physical impact.

High protection level: Dustproof, waterproof, impact-resistant, and oxidation-resistant; ideal for humid and dusty environments.

Uniform display: Integrated surface ensures wide viewing angles and excellent color consistency.



GOB LED module

Advantages:

Excellent protection: Dustproof, waterproof, impact-resistant, and moisture-proof; suitable for harsh environments like outdoors and public spaces.

Scratch and pressure resistance: Glue layer protects LEDs from damage.

Easy maintenance: Damaged LEDs can be replaced individually without changing the entire board.



HOB LED module

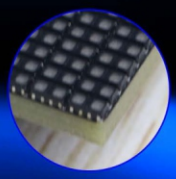
Advantages:

Superior Protection: Offers waterproofing, dustproofing, impact resistance, anti-static, and moisture resistance.

Higher Brightness & Contrast: The transparent layer has excellent optical clarity, with true-to-life colors and deep blacks.

Low Failure Rate: LEDs are well-protected from falling off or damage.

Easy to Clean & Maintain: Smooth, seamless surface is easy to wipe and resistant to dust buildup.



SMD LED module

Advantages:

Mature and stable technology: High production efficiency.

Cost-effective: Suitable for large-scale manufacturing.

Good light uniformity: Integrated RGB chip design provides even light output.

Versatile applications: Suitable for indoor/outdoor fixed installations, rental, and creative displays.

Smart Cloud Mannagement

LED screen content can be updated via iPad, mobile phone, PC or laptop.
Play in real time and publish across platforms.
Supports USB or WIFI, supports IOS or Android device operation.



Basic Control Methods

1, PC control(RJ45 Cable)
2, PC control(wiFi)
3, Mobile phone(wiFi)
4, USB flash

Multiple Control Via CMS Server

1, LAN
2, WiFi
3,4G



BRIGHTWAY LED Lighting

TRI-FOLD LED POSTER DISPLAY - PITF Series

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)	1280×1920mm				
Module arrangement (W×H)	2×12				
Cabinet flatness	≤0.1mm				
Cabinet dimensions(W×H)	640mm×480mm				
Weight	≤115kg				
Serviceability	Rear maintenance				
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°/160°				
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)				
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				
Operating environment - Temperature	-10℃ - +60℃				
Operating environment - Humidity	30% -75%RH (no condensation)				

BRIGHTWAY LED Lighting

TRI-FOLD LED POSTER DISPLAY - PITF Series

Packaging



2155(L)x500(W)x840(H)mm
Aircraft box weight:26KG



1 in 1

Application Examples











