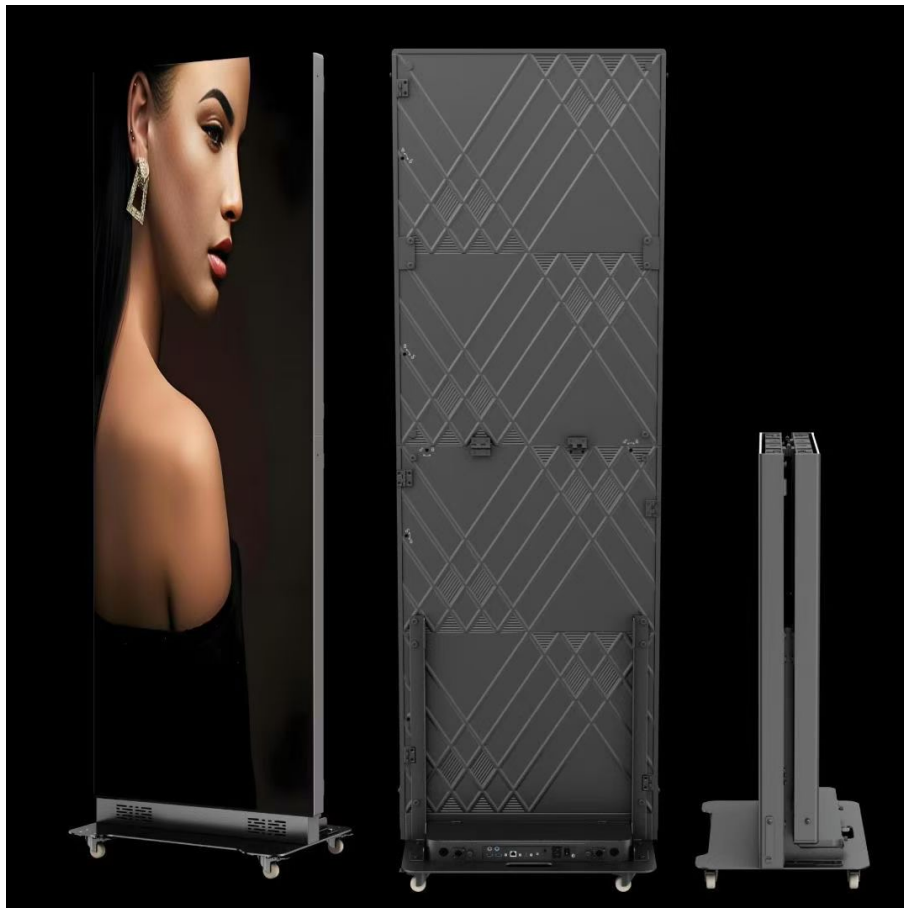


FOLDABLE INDOOR LED POSTER

A portable, plug-and-play digital display designed for advertising, events, retail, conferences and live productions.



Ultra-thin 50 mm body

Mobile & foldable

GOB protected

Product Overview

A professional LED poster engineered for quick deployment and flexible presentation.

Developed from extensive user feedback, the foldable LED poster addresses the main limitations of conventional LED displays: difficult installation, complex content setup and inconvenient transportation. The private-mold enclosure uses aircraft-grade aluminum for a refined appearance, effective heat dissipation and a slim 50 mm profile. Simply unfold the display, connect power and publish content.



Ready to use

No professional installation team is required. Position the unit, connect power and begin playback.

Wireless content publishing

Upload and manage content through the mobile app with a straightforward one-tap workflow.

Seamless multi-unit splicing

Quick-lock hardware allows multiple posters to be joined into a larger, continuous display.

Durable GOB protection

Tile-grade GOB protection improves resistance to scratches, impacts, moisture and surface splashes.

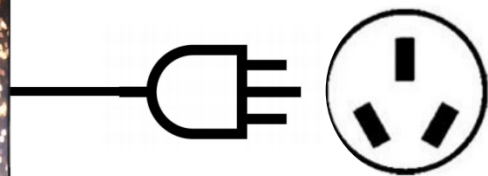
Display Module Specifications

Four pixel-pitch options are available for different viewing distances and image-detail requirements.

Specification	HB-X2.5	HB-X1.86	HB-X1.53	HB-X1.25
Pixel pitch	2.5 mm	1.86 mm	1.538 mm	1.25 mm
LED configuration	SMD 3-in-1	SMD 3-in-1	SMD 3-in-1	SMD 3-in-1
Module resolution	128 x 64 px	172 x 86 px	204 x 104 px	256 x 128 px
Module size	320 x 160 mm	320 x 160 mm	320 x 160 mm	320 x 160 mm
Protection technology	GOB	GOB	GOB	GOB
Module weight	0.55 kg	0.55 kg	0.55 kg	0.55 kg
Available display sizes	640 x 1920 mm 960 x 1920 mm	640 x 1920 mm 960 x 1920 mm	640 x 1920 mm 960 x 1920 mm	640 x 1920 mm 960 x 1920 mm
Gross unit weight	45 kg / 80 kg	45 kg / 80 kg	45 kg / 80 kg	45 kg / 80 kg

Size configurations

The 640 mm version uses two 320 mm-wide modules across. The 960 mm version uses three modules across. Both configurations have a 1920 mm display height.



No parameter-setting required

Plug and paly, you don't need to set any parameters.

Optical, Electrical & System Specifications

Category	Specification	Value
Optical	Flatness tolerance	0.5 mm
Optical	White-balance brightness	900 cd/m ²
Optical	Grayscale	14-16 bit, adjustable
Optical	Color temperature	3200-9000 K, adjustable
Optical	Recommended viewing distance	3-20 m
Optical	Viewing angle	160° horizontal / 160° vertical
Optical	LED center-distance tolerance	≤3%
Optical	Brightness uniformity	≥95%
Optical	Chromaticity uniformity	±0.003 Cx, Cy
Optical	Contrast ratio	8000:1
Electrical	Input voltage	100-240 V AC
Electrical	Peak power - HB-X2.5 / X1.86 / X1.53 / X1.25	850 / 900 / 1200 / 1600 W
Electrical	Average power - HB-X2.5 / X1.86 / X1.53 / X1.25	220 / 300 / 400 / 565 W
Control	Playback modes	Synchronous and asynchronous
Control	Content delivery	Mobile app, USB drive, Ethernet and optional 4G
Control	Interfaces	RS485 x 1, Wi-Fi x 1, USB x 1, HDMI x 2
Audio	Built-in speakers	50 x 12 mm, 2 pieces
Protection	Ingress protection rating	IP47

Performance & Operating Environment

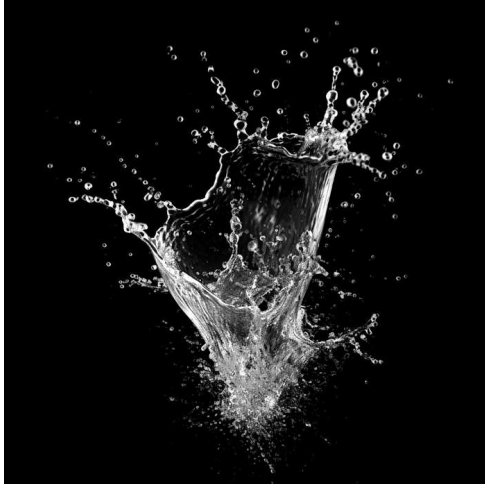
Specification	Value
Drive method	Constant-current drive
Frame rate	60 Hz
Refresh rate	≥3840 Hz
Typical service life	50,000 hours
Operating temperature	-40°C to 50°C
Operating humidity	10-80% RH, non-condensing
Storage temperature	-50°C to 50°C
Storage humidity	10-85% RH, non-condensing



Foldable, mobile enclosure

The folding structure reduces storage and transport volume. Four swivel casters make positioning fast and convenient in retail, hospitality, event and corporate environments.

Key Features



Tile-grade GOB protection

The LED surface is engineered for improved resistance to splashes, scratches, impacts and moisture, providing greater stability in demanding indoor use.



Seamless multi-unit splicing

Use one poster as a standalone display or connect multiple units to create a larger continuous screen for wider visual impact.

More Key Features



Universal caster design

Four swivel casters make the display easy to move, position and reconfigure whenever the venue layout changes.



One-tap mobile publishing

Upload and update content from a mobile phone through an intuitive app designed for easy operation, even by first-time users.

More Key Features



Synchronous and asynchronous playback

Use asynchronous mode for scheduled or looping offline advertising. Use synchronous mode for meetings, presentations, live broadcasts and event content.



Multiple transmission methods

Standard content inputs include USB drive, Wi-Fi and Ethernet. HDMI and wireless 4G connectivity are available as options.

Application Scenarios

Designed for high-impact communication wherever portable, large-format digital content is needed.



Retail & showrooms

Promotions, product launches and branded storytelling.

Hotels & restaurants

Menus, event notices and hospitality messaging.

Exhibitions & stages

Sponsor content, schedules and live visual backgrounds.

Corporate & control spaces

Presentations, dashboards and meeting content.

Museums & public venues

Wayfinding, announcements and digital exhibits.

Sports & entertainment

Video highlights, advertising and fan engagement.

Important: Specifications are based on the supplied manufacturer catalog. Product configuration may vary by model and order options.