

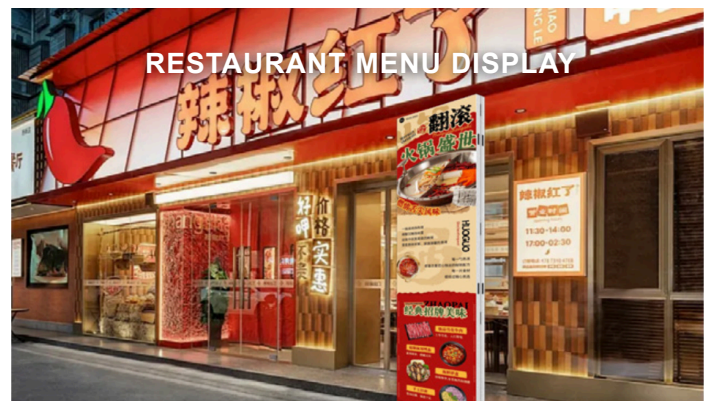


Product Overview

VT-HB-XD series is a three-fold double-sided LED poster screen available in pixel pitches from 1.25mm to 2.5mm, delivering outstanding image quality with high brightness, high colour reproduction and high contrast. With the “one screen, two displays” design, it unfolds into a 1280×1920mm large screen and folds in seconds into a 640×1920mm double-sided screen. The private-mold aviation-aluminium body is only 50mm thin on a single side and 110mm when folded double-sided, weighing just 78kg. Content is published in one click from a mobile app, and the system supports both synchronous and asynchronous operation via USB drive, WiFi, Ethernet port or optional 4G / HDMI. With tile-grade GOB protection, a quick-lock structure for seamless multi-unit splicing and four universal wheels, this plug-and-play series is a true anytime-anywhere digital signage solution for reception areas, restaurants, schools, stages, meeting rooms, retail stores and exhibition booths.

Suitable for applications including:

- ✓ Reception Areas
- ✓ Restaurants & Food Courts
- ✓ Schools & Campuses
- ✓ Stages & Live Events
- ✓ Meeting Rooms
- ✓ Clothing & Retail Stores
- ✓ Exhibition Booths
- ✓ Shopping Malls



Key Features

1. "One screen, two displays": unfolds into one large screen, folds in seconds into a double-sided screen
2. Private mold design with exquisite appearance, aviation aluminium body with excellent self heat dissipation
3. 50mm ultra-thin single-side body, only 110mm thick when folded double-sided, 78kg ultra-light
4. No installation required — plug and play, ready to use when powered on
5. Mobile APP one-click wireless content publishing, foolproof software that anyone can operate
6. Quick-lock design, easy for beginners; supports fast, seamless splicing of multiple units
7. Synchronous / asynchronous system for HD posters, promo videos, conference PPT and live-stream backgrounds
8. "Tile-grade" GOB process: scratch-resistant, anti-drop, splash-proof and moisture-proof
9. Equipped with 4 universal swivel wheels — move it wherever you want
10. Standard USB drive, WiFi and Ethernet port; HDMI and wireless 4G optional
11. Built-in 2 × 50×12mm speakers, 3.5mm audio jack supports external amplifier
12. High definition display: 8000:1 contrast, 160° viewing angle, ≥3840Hz refresh rate, 50,000h lifespan

Technical specifications

Model	VT-HB-XD2.5	VT-HB-XD1.86	VT-HB-XD1.53	VT-HB-XD1.25
Pixel Pitch	2.5mm	1.86mm	1.538mm	1.25mm
Pixel Construction	SMD 3-in-1 LED			
Module Resolution (W×H)	128×64 dots	172×86 dots	208×104 dots	256×128 dots
Module Size	(W)320 × (H)160mm			
Protective Technology	GOB (Glue On Board)			
Module Weight	0.55kg			
Module Composition (W×H)	(W)4 × (H)12 pcs			
Single-sided Resolution (W×H)	512×768 px	688×1032 px	832×1248 px	1024×1536 px
Double-sided Resolution (W×H)	256×768 px	344×1032 px	416×1248 px	512×1536 px
Display Size (Single / Double-sided)	1280 × 1920mm / 640 × 1920mm			
Appearance Dimension (Unfolded / Folded)	1280 × 2070 × 50mm / 640 × 2070 × 110mm			
Gross Weight	78kg			
Flatness Tolerance	≤0.5mm			
White Balance Brightness	600 cd/m ²	650 cd/m ²	700 cd/m ²	750 cd/m ²
Grey Scale / Colour Temperature	14–16 bit adjustable / 3200–9000K adjustable			
Best Visual Distance	3–20m			
Viewing Angle (H / V)	160° / 160°			
Luminous Point Distance Tolerance	≤3%			
Luminance / Chromaticity Uniformity	≥95% / within ±0.003 Cx,Cy			
Contrast Ratio	8000:1			
Power Supply Requirements	100–240V AC			
Peak Power Consumption	850W	900W	1200W	1600W
Average Power Consumption	220W	300W	400W	565W
Synchronous / Asynchronous	Both supported			
Communication Method	APP / USB drive / Ethernet port / 4G remote			
Interface	RS485×1, WiFi×1, USB×1, HDMI×2			
Built-in Speaker	50 × 12mm × 2 pcs			
Audio Interface	3.5mm audio jack, supports external amplifier			
Drive Mode	Constant current drive			
Frame Frequency / Refresh Rate	60Hz / ≥3840Hz			
Typical Lifespan	50,000 hours			
Working Temperature / Humidity	-40~50°C / 10–80% RH, no condensation			
Storage Temperature / Humidity	-50~50°C / 10–85% RH, no condensation			