

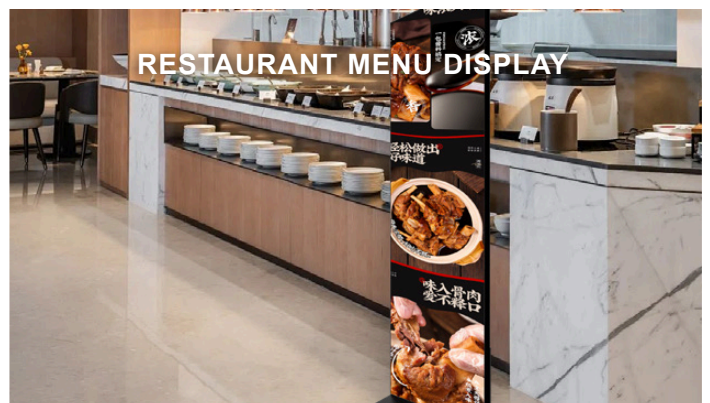


Product Overview

VT-HB-X series are movable LED poster screens available in pixel pitches from 1.25mm to 2.5mm, delivering outstanding image quality with high brightness, high colour reproduction and high contrast. The foldable design offers a compact size for easy storage and low transport cost, while the 39mm ultra-thin aviation-aluminium body weighs only 43kg. Content can be published in one click from a mobile app, and the system supports both synchronous and asynchronous operation via APP, USB drive, Ethernet port or 4G remote control. With tile-grade GOB protection, a quick-lock structure for seamless multi-unit splicing, built-in speakers and four universal wheels, this series is a true plug-and-play digital signage solution widely applicable for reception areas, restaurants, schools, stages, meeting rooms and retail stores.

Suitable for applications including:

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



Key Features

1. Mobile APP one-click content publishing, simple enough for anyone to operate
2. Foldable design: small size, easy storage and convenient, low-cost transportation
3. Tile-grade GOB process: scratch-resistant, anti-drop, splash-proof and moisture-proof
4. Quick-lock structure supports fast, seamless splicing of multiple units
5. No installation required — ready to use when powered on
6. Synchronous / asynchronous system for HD posters, promo videos, conference PPT and live-stream backgrounds
7. Optional mobile LiFePO4 battery: high safety, long endurance, over 3000 charge cycles
8. Aviation aluminium body with excellent heat dissipation: 39mm ultra-thin, 43kg ultra-light
9. Four universal swivel wheels allow effortless relocation anywhere
10. Multiple transmission methods: APP / USB drive / Ethernet port / 4G remote
11. High brightness, high colour reproduction, high contrast and 160° wide viewing angle
12. Built-in speakers with 3.5mm audio interface, supports external amplifier

Technical specifications

Model	VT-HB-X2.5	VT-HB-X1.86	VT-HB-X1.53	VT-HB-X1.25
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	204×104 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)2 × (H)12 pcs			
Overall Resolution (W×H)	256×768 px	344×1032 px	416×1248 px	512×1536 px
Display Size	640 × 1920mm			
Cabinet Dimension (W×H×D)	646 × 2050mm			
Gross Weight	43kg			
Flatness Tolerance	≤0.5mm			
White Balance Brightness	650 cd/m²			
Grey Scale	14–16 bit adjustable			
Colour Temperature	3200–9000K adjustable			
Best Visual Distance	3–20m			
Viewing Angle (H / V)	160° / 160°			
Contrast Ratio	8000:1			
Luminance / Chromaticity Uniformity	≥95% / within ±0.003 Cx,Cy			
Power Supply Requirements	110–240V AC			
Peak Power Consumption	430W	450W	550W	650W
Average Power Consumption	145W	150W	185W	220W
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 interface / supports external amplifier			
Drive Mode	Constant current drive			
Frame Frequency / Refresh Rate	60Hz / ≥3840Hz			
Typical Lifespan	50,000 hours			
Working / Storage Environment	Working: -40°C ~ +50°C, 10–80% RH Storage: -50°C ~ +50°C, 10–85% RH (non-condensing)			