

HERA SERIES LED SCREENS

LED DISPLAYS - INDOOR - FIXED INSTALLATION

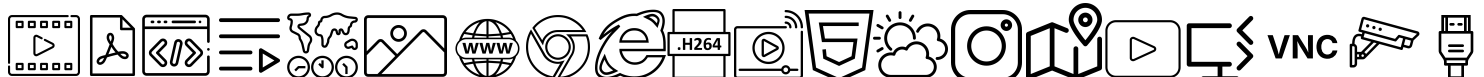


Redefining Power in Every Pixel

Ultra-Clear. Ultra-Reliable. Ultra-Seamless.

The **Indoor Fixed LED Display Series** is engineered to deliver vibrant, high-resolution content for indoor environments where reliability, aesthetics, and performance are paramount. Designed for fixed installations, this series is the ideal solution for digital signage, corporate lobbies, control rooms, conference spaces, exhibition centers, and broadcast studios.

With a fine pixel pitch starting from **1.25mm**, and brightness levels optimized for indoor visibility, our displays ensure every detail is crystal clear—even at close viewing distances. The seamless cabinet design, paired with a lightweight aluminum die-cast frame, offers a sleek and professional appearance that blends elegantly with any architectural setting.



Features

- **Fine Pixel Pitch Range:** 1.25mm to 3.0mm for full indoor clarity
- **High Refresh Rate:** Up to 3840Hz for flicker-free video playback
- **Front Maintenance:** Easy servicing for modules and power units
- **N+1 Redundant Power Supply:** No-black-screen design for mission-critical reliability
- **Integrated 2-in-1 Design:** Hub board and power supply in one module
- **GOB Protection (Optional):** Enhanced resistance to impact and dust
- **Ultra-Thin Cabinet:** Only 42mm depth for ADA-compliant wall-mounting
- **Flexible Installations:** Wall-mounted or floor-supported
- **High Contrast Ratio:** 5000:1 ensures deep blacks and vivid colors

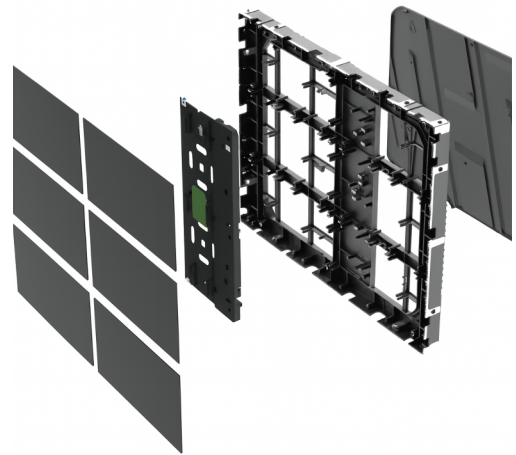


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Wireless hardwired design

The module and cabinet are directly hard-wired, ensuring stable signal transmission and a clean, organized system design. This robust wiring structure provides enhanced reliability against signal loss and electromagnetic interference, making it ideal for mission-critical environments such as command and control centers. Designed for 24/7 continuous operation, this architecture guarantees long-term performance and stability, even in the most demanding applications.



No Seam



High Definition



High Refresh Rate



Rich Color



High Reliability



Easy Service

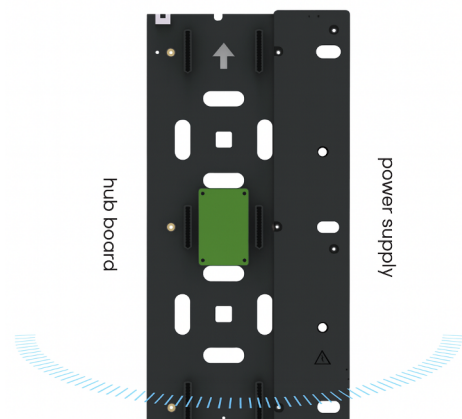
Integrated 2-in-1 Design for 24/7 Mission-Critical Environments

The display module features a true 2-in-1 integrated design, combining both the **hub board** and **power supply** on a single, unified baseboard. This architecture ensures simplified internal cabling, reduces failure points, and significantly enhances overall reliability—making it ideal for **command centers**, **control rooms**, and other **24/7 operational environments**.

Additionally, the **RC card** is modular and can be installed independently, allowing for enhanced customization, easier upgrades, and quick maintenance operations.

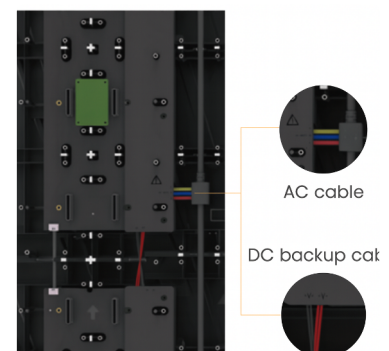
This integrated approach offers:

- Effortless installation
- Clean internal structure
- Optimized heat management
- Lower power loss and improved stability
- Minimal downtime during service



No Black Screen Design

Power supply N+1 backup. No black screen if a fault occurs. When the power supply of a cabinet is faulty, the AC cable will stop supplying power to the cabinet. The cabinet will start working through the DC backup cable to ensure that the screen is not black.



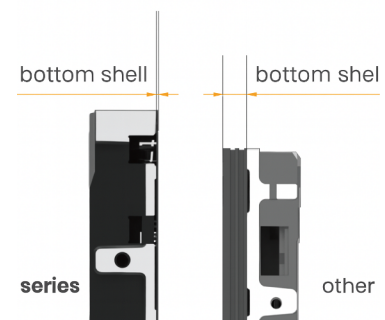
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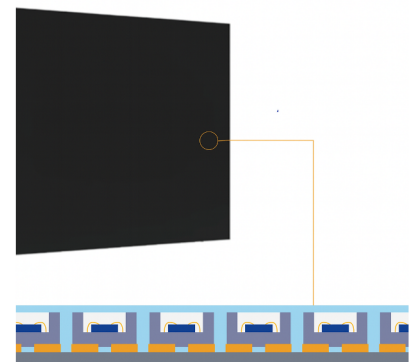
No bottom shell module design

"The product features 320x160mm modules with a bottom-shell-free design, enabling a significantly thinner and more elegant profile. This compact architecture is ideal for 24/7 mission-critical environments such as control rooms and command centers, where both space efficiency and aesthetic integration are essential."



Customizable addition of GOB process

The customizable GOB (Glue on Board) technology provides an added layer of durability by forming a protective coating over the LED surface. This process minimizes the risk of physical damage—such as impact-related LED dislodgement—and significantly enhances product resilience in high-traffic or mission-critical environments.



Applications

- ▶ Command Control Rooms, Field Operations Center
- ▶ Crisis and Emergency Centers,
- ▶ Security (CCTV) Monitoring Centers,
- ▶ SOC (Security Operation Center) and NOC (Network Operation Center) Centers,
- ▶ Infrastructure (Tunnel, Highway Monitoring Center etc) and Transportation (Railway, Air Traffic control etc) Systems,
- ▶ Enterprise Business (Meeting Rooms, Executive Offices, Conference Halls,)
- ▶ Special Visualization Areas
- ▶ Classrooms & Auditoriums Data Centers

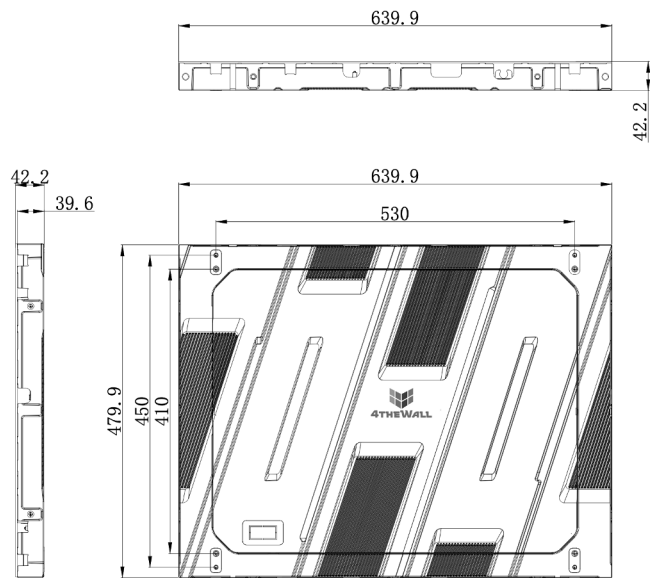
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SPECIFICATIONS

HERA Series - Models	SC-50/7 FLD1.2	SC-50/7 FLD1.5	SC-50/7 FLD1.8	SC-50/7 FLD2	SC-50/7 FLD2.5	SC-50/7 FLD3
Pixel Pitch	1.25 mm	1.538 mm	1.86 mm	2 mm	2.5 mm	3.076 mm
Pixel Configuration	1R1G1B					
Led Type	SMD1010		SMD1515		SMD2121	
Brightness Max	600 Nit cd/m²					
Color Temperature	9300K ± 200K					
Viewing Angle (H/W)	H160°/V160°					
Module Size	(W)320 mm x (H)160 mm					
Module Resolution	256x128dots	208x104dots	172x86dots	160x80dots	128x64dots	104x52dots
Cabinet Size	W640xH480xD42mm					
Cabinet Resolution	512x384dots	416x312dots	344x258dots	320x240dots	256x192dots	208x156dots
Cabinet Weight	5.6 Kg					
Cabinet Material	Die-cast Aluminum					
Cabinet Aspect Ratio	4:3					
IP Protection	IP30 Module / IP50 Cabinet					
Redundant PSU	N+1 Redundant PSU Backup					
Operating Conditions	-10°C~+50°C /10%~90%RH					
Storage Conditions	-20°C~+60°C /10%~90%RH					
Life Time	120.000 hours					
Gray Scale	14 Bit HW + 2 Bit SW - Total 16 bit					
Contrast Ratio	5000:1					
Refresh Rate	3840 Hz					
Input Power Maximum	400 Watt Max / 135 Watt Avg					
Maintance Mode	Front Service					
Certification	CE/EMC/LVD/RoHs					
7/24 Support	YES					

DIMENSIONS (mm)



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4TheWall Ecosystem Compatibility

Seamless Integration Across All Components – Backed by 25 Years of System Integrator Experience

With over 25 years of experience as a professional system integrator, **4TheWall understands a key principle in mission-critical projects:**

Customers demand a unified solution where all electronic components – from video wall controllers to operator interfaces are built under a **single brand** and work together in **perfect harmony**.

Recognizing this, 4TheWall has conducted extensive compatibility testing to ensure that all its products operate seamlessly as part of a unified ecosystem. The result is a fully integrated platform designed for reliability, interoperability, and simplicity.

4TheWall S-Box / Led Processor



Curve PVL Series

4TheWall Video Wall Controller



Wall Series Controller

4TheWall LCD Video Wall Screen



LCD Videowall Screen

4TheWall Extenders



SC-EXT4K-FO



SC-EXT4K-120M

4TheWall Touch Screen Panels



SC-TAB9-D

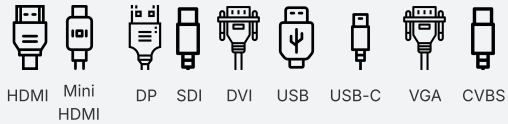
SC-TAB9-W

SC-TAB4-W

4TheWall Modules and Softwares

- CPA-PRO - Control Path Pro
- Designer PVW - Personal Video Wall
- Designer RC - Remote Control Software
- ODM - Operator Desktop Manager
- CPA-DS - Control Path Digital Signage

Visual Physical Sources



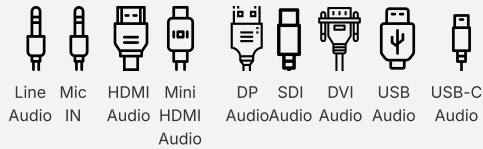
Visual TCP/IP Sources



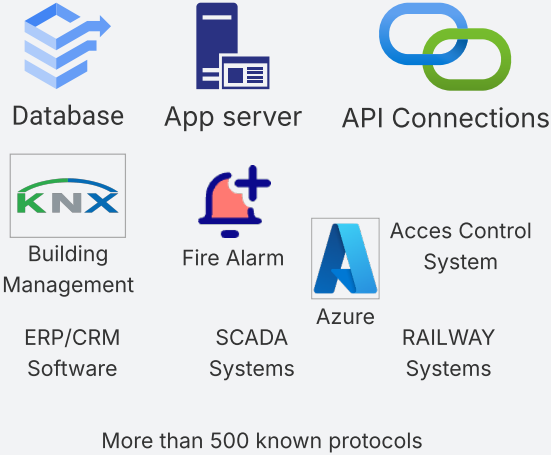
Visual Local Sources



Audio Sources

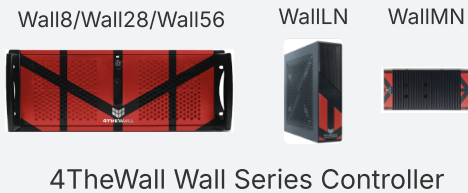


Data Sources



Control Path Modules

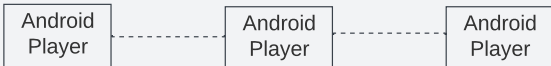
- Designer V6 - Video Wall Management Module
- Operator Management Module
- Personal Video Wall Module
- Digital Signage Module
- Dashboard Design / Panel Design Module
- Advanced API Connection Module
- Automation Module



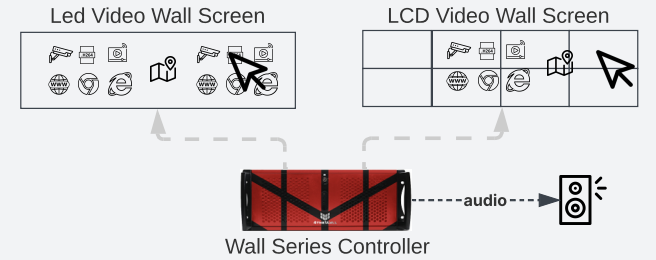
Automation & Touch Panel



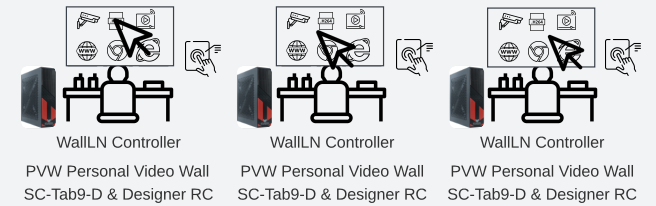
Digital Signage



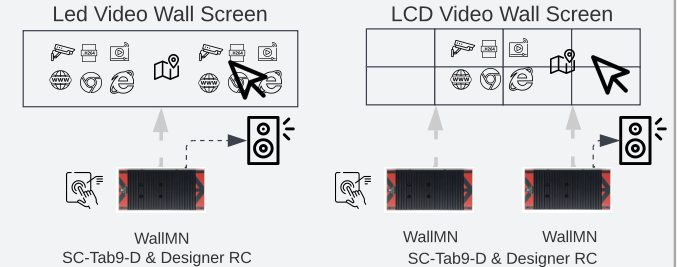
Hybrid Video Wall



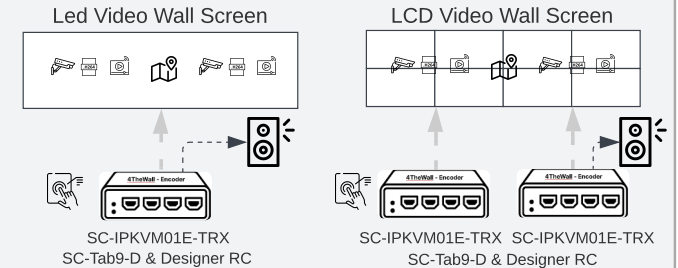
Operator Personal Video Wall



Distributed Video Wall



IPKVM Decoder Video Wall



Operator IPKVM Decoder

