



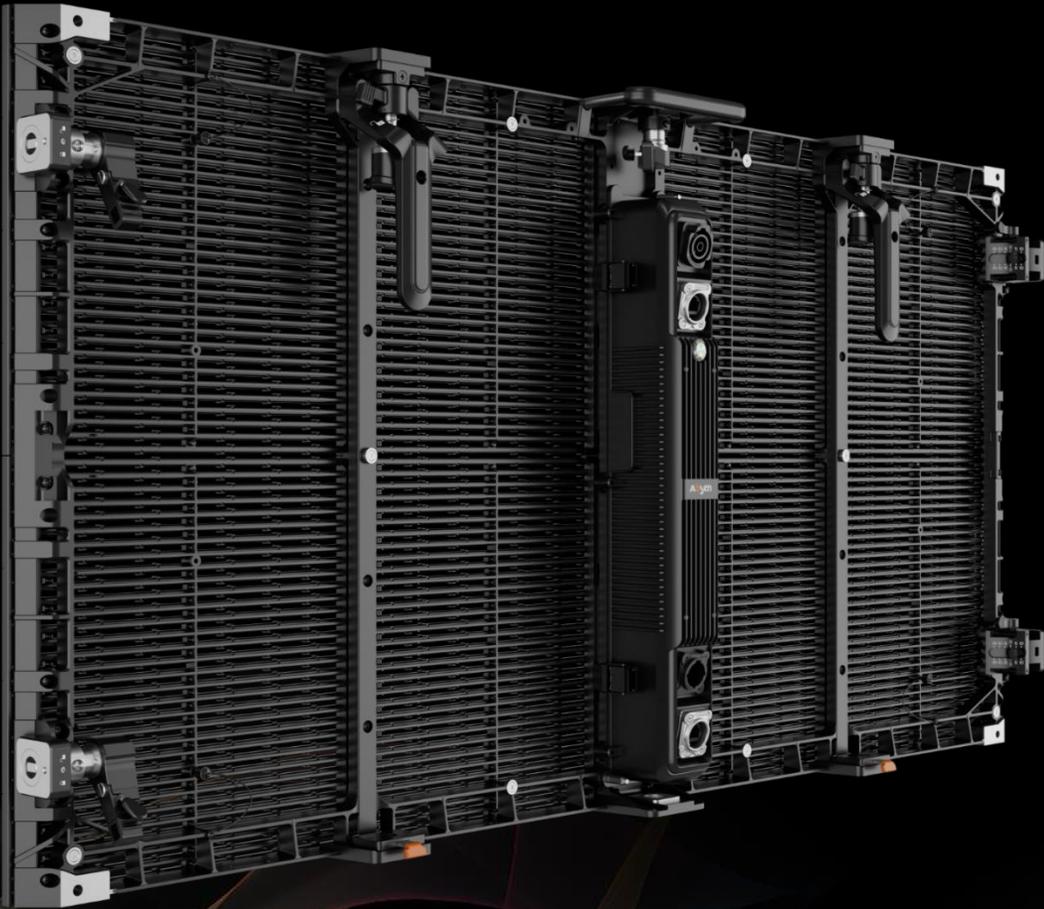
Lyra V2 Series

Lightweight Transparent Display

LR V2 Series

absen

LR3.9-7.8 V2



Lightweight, Transparent, Water-Resistant

- Excellent water-resistance capabilities
- Highly transparent and ultra-bright
- Super lightweight
- Fast heat dissipation



Unlock Creative Potential

- Concave and convex displays
- 90° L-shaped displays
- Mixed connection of panels in different sizes



Efficient Installation and Disassembly

- Fast one-man installation
- Three-handle design
- Hollow hanging bars
- Module maintenance tools
- Power box with toggle latches



Lightweight, Transparent, Water-Resistant

Excellent water-resistance capabilities | Highly transparent and ultra-bright

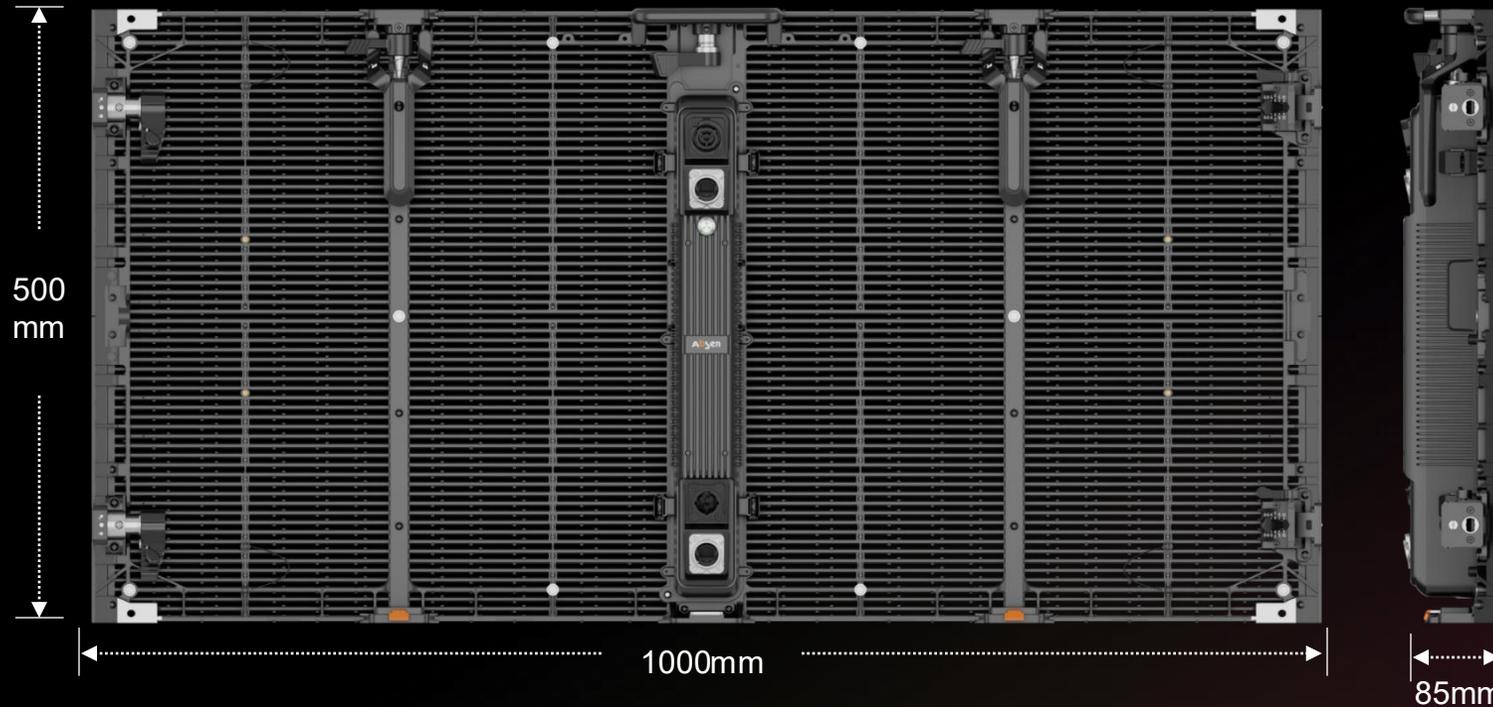
Super lightweight | Fast heat dissipation

Basic Information

The LR V2 series products feature a pixel pitch of 3.9mm horizontally and 7.8mm vertically, meeting the requirements of most concert stage projects.

○ **3.9-7.8mm**
Horizontal-vertical pixel pitch

○ **Die-Casting Aluminum**
Panel material

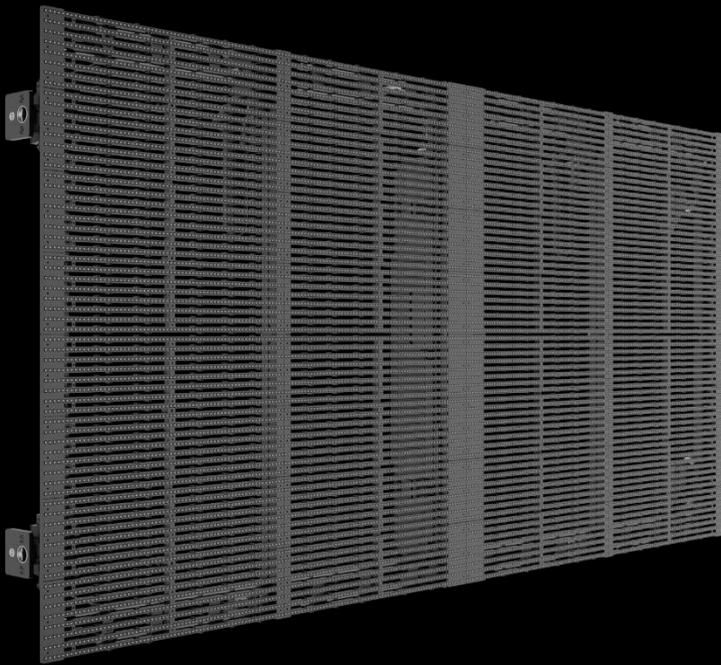


Enhanced Water Resistance for Safer Outdoor Use



Engineered for durability, the LR V2 series boasts advanced water-resistant capabilities for reliable outdoor performance. Featuring a robust design with water-resistant modules, power boxes, and cables, it ensures maximum protection against moisture.

IP65 (Front)/ IP54 (Rear)



Glue Potting Modules

- Glue potting process effectively ensures maximum protection against moisture
- Reduce the impact of high and low temperature changes
- Stable and reliable for outdoor use

Water-Resistant Power Box

- Power twist and push lock cable connectors are located obliquely on the power box to improve water resistance effects
- The connectors between the power box and the modules are protected by water-resistant rubber rings
- Cable connectors come standard with rubber protective cover to minimize moisture intrusion during storage



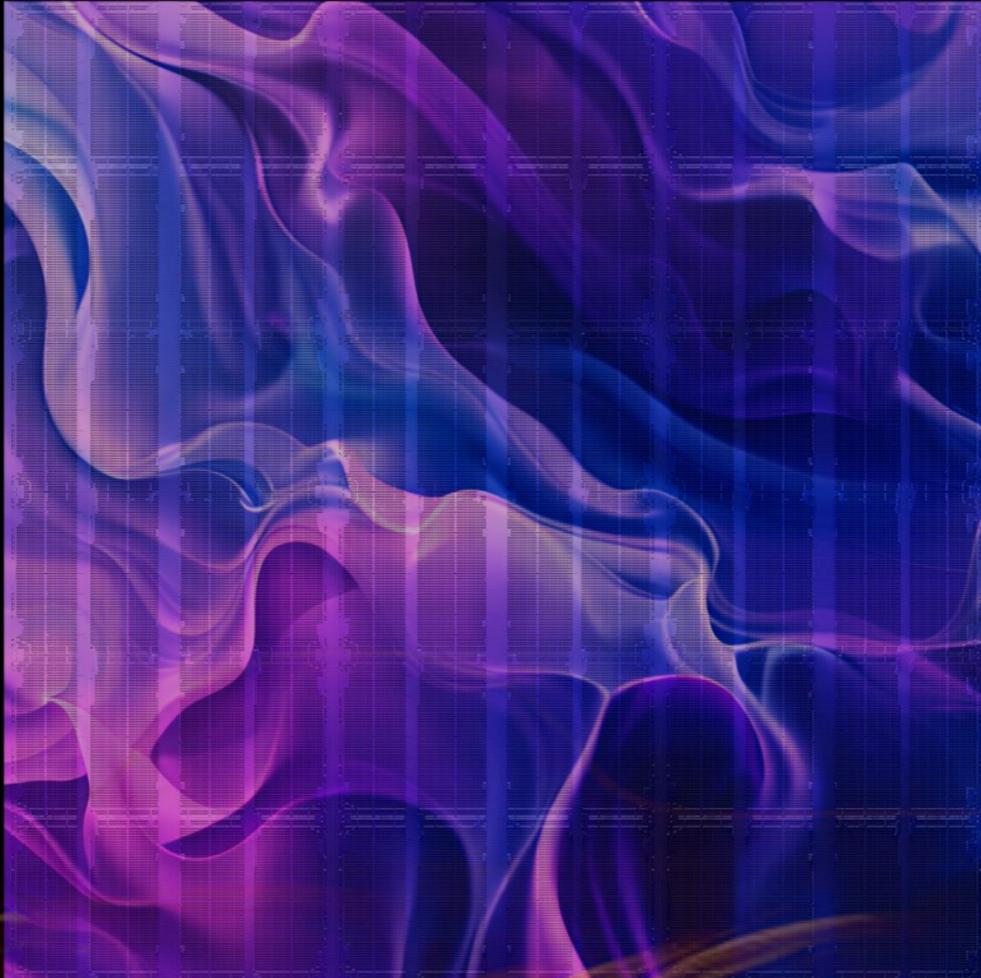
Cables for Outdoor Use

- Offer high-quality outdoor power supply and data transmission cables



High Transparency, Ultra-Bright, and High Definition **absen**

The LR V2 series has a transparency rate of up to 33%, features high brightness, high refresh rate, high grayscale, and wide viewing angles, and is ready to ignite the outdoor live stage at any time.



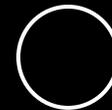
33% High Transparency

Usually combined with special effects such as sound, light, fog and smoke to create a dream stage



Masks Fixed with Screws and Clips

Masks are fixed to the module through screws and clips to ensure the viewing effect under a wide viewing angle



3000nits/ 4000nits

Outdoor high brightness display



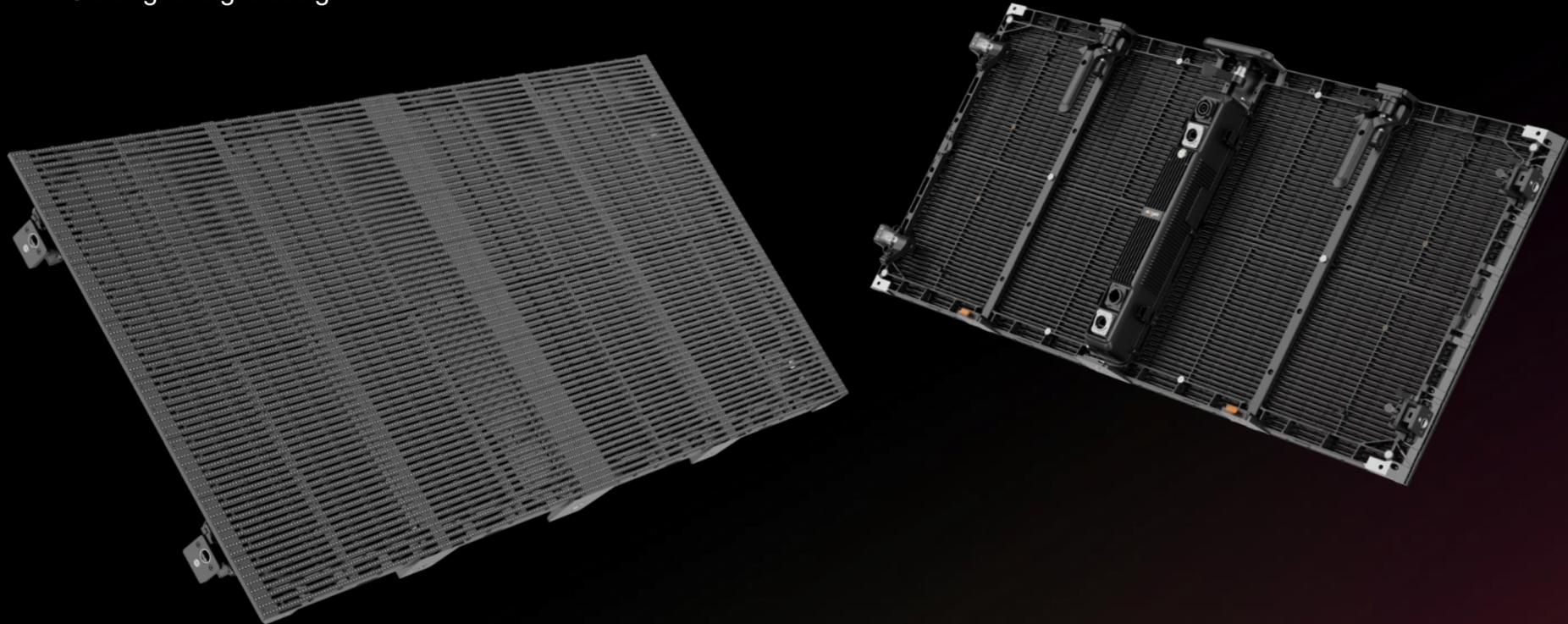
7680Hz Refresh Rate & 15bit Grayscale

Incorporates upgraded version of high-performance driver chip to improve on-site shooting and broadcasting effects

The Perfect Panel for On-the-Go

The 1000x500mm panel of the LR V2 series only weighs 7.7kg and can be easily carried with one hand, making it more user-friendly.

○ **7.7kg per Panel**
Ultra lightweight design



Efficient Heat Dissipation System

Inefficient heat dissipation can lead to color deviation after prolonged use.
The LR V2 series has an efficient heat dissipation system that quickly conducts heat into the air, solving this problem.

Minimize color deviations Ensure the consistency of display effects

- The cabinet comes with graphene material for rapid heat dissipation
- The module casing is equipped with metal components for rapid heat conduction
- The power box adopts a multi-directional heat dissipation structure design





Unlock Creative Potential

Concave and convex displays | 90° L-shaped displays

Mixed connection of panels in different sizes

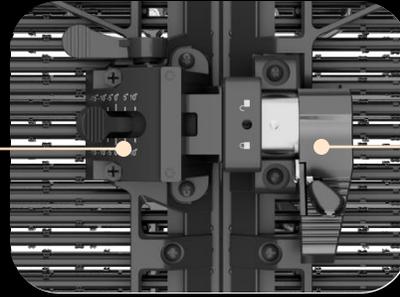
Artistic Curved-Shaped Displays

The LR V2 series features a horizontal locking system that allows for multiple angle adjustments ranging from -15° to $+10^{\circ}$. Each panel has two sets of locks for tight horizontal connection.

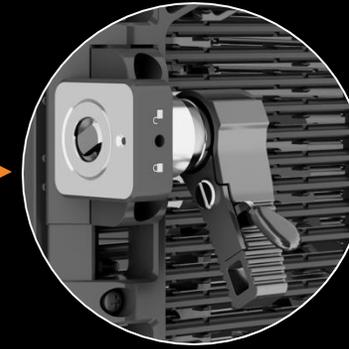


Angle Adjustment Structure

- For accurate angle adjustment
- -15° to $+10^{\circ}$ adjustable (in 5° increments)

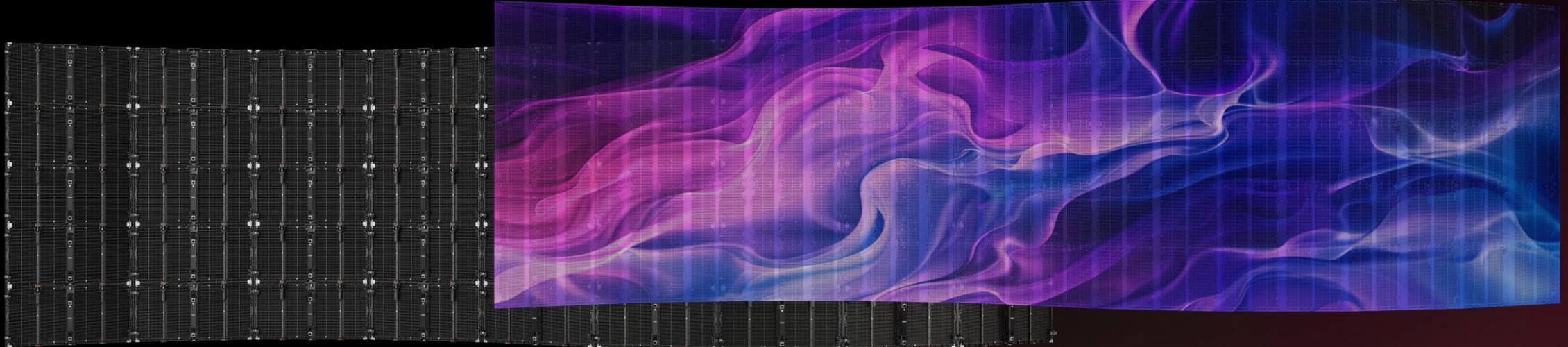


Horizontal Locking System



Lock with Safety Button

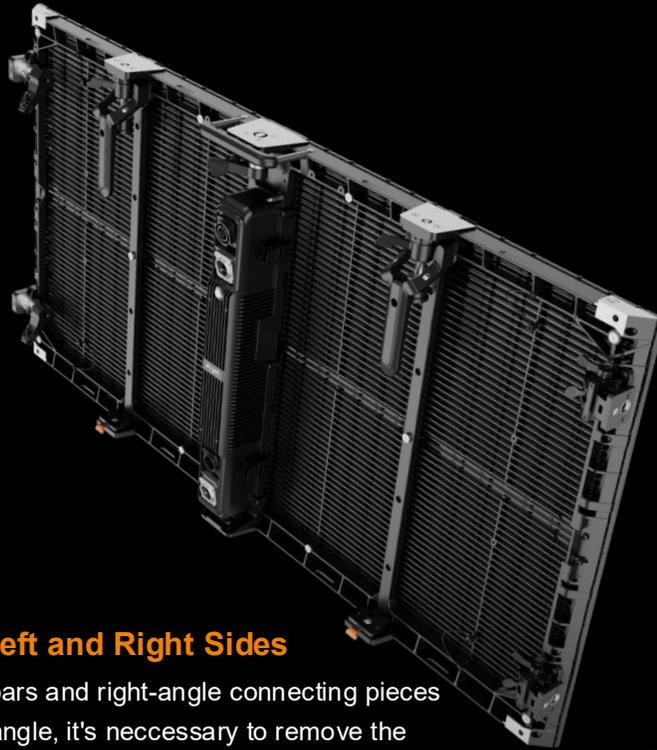
- The safety button requires pressing to release the handle and prevents the lock from springing back, further ensuring a tight and secure connection



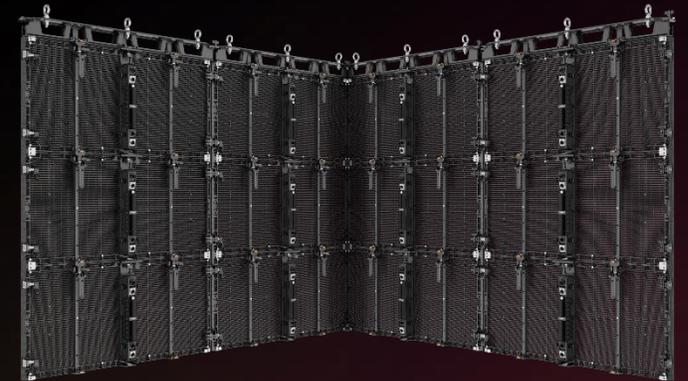
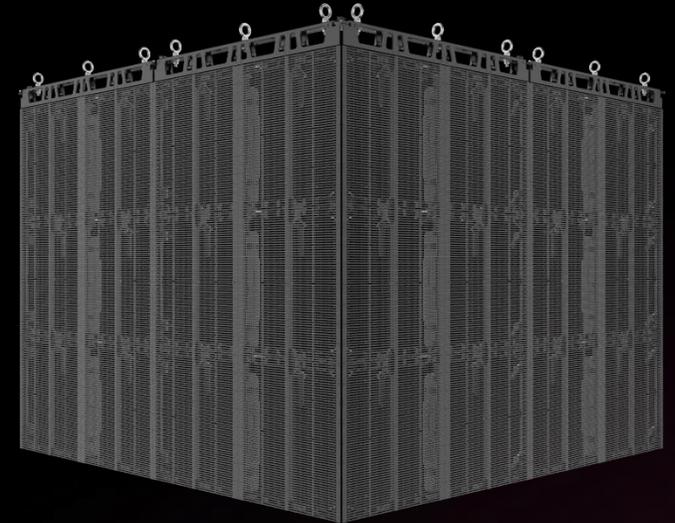
Creative L-Shaped Displays

The LR V2 series features a 45° edge-cutting design on both sides, allowing customers to create unique L-shaped displays with ease.

45°



45°

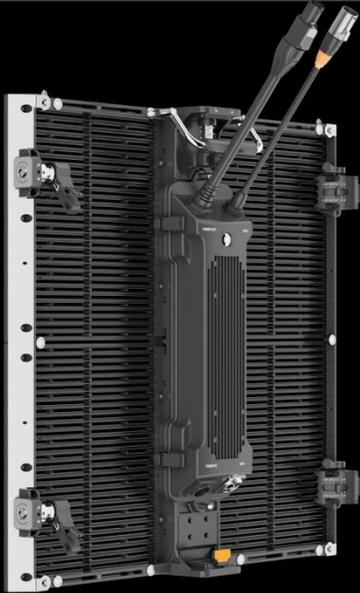


Default 45° Edge-Cutting on Left and Right Sides

- Available with right-angle hanging bars and right-angle connecting pieces
- When installing the panels at right angle, it's necessary to remove the locks between cabinets' connection position first, and then use the connecting pieces for installation

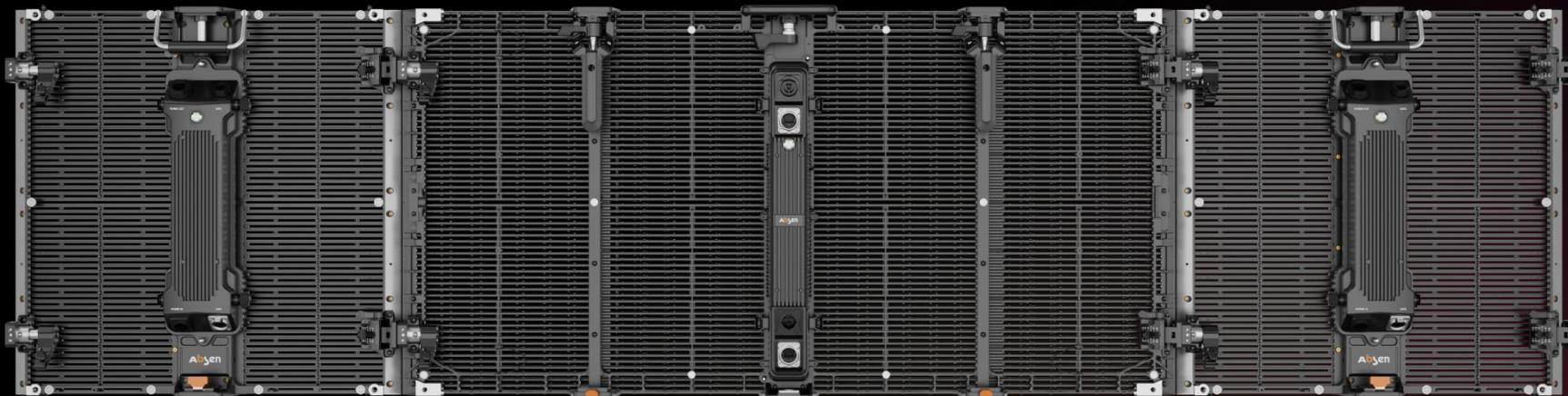
Flexible Mixed Connection

The LR V2 series offers an option of 500x500mm panels that can be combined with 1000x500mm panels to extend the display for better space utilization on the entire stage.



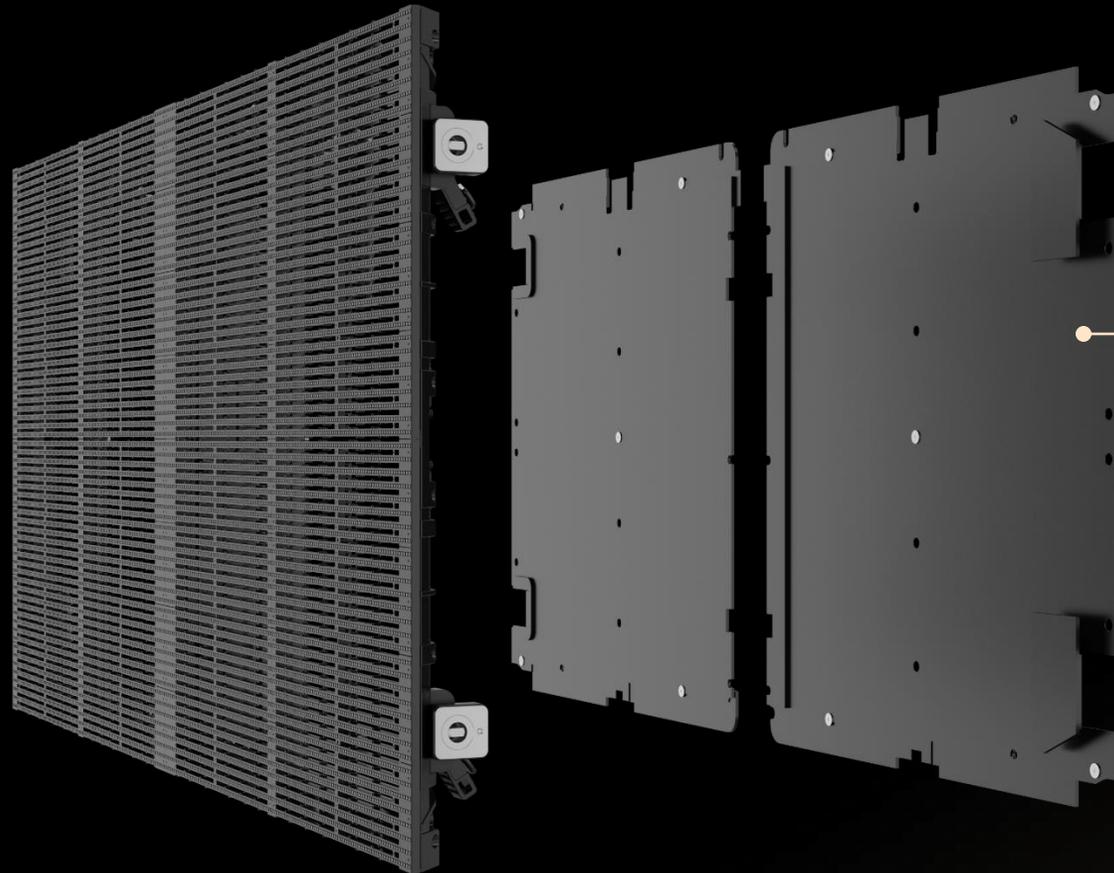
Optional 500x500mm Panel

- Panel dimensions: 500x500x71mm
- Only 5kg per panel
- Can be connected to 1000x500mm panels on the left and right sides
- Only one type of module, each module measures 500x250mm
- Provides optional 500mm hanging bar
- The cabinet adopts a 45° left and right edge-cutting design by default and can be used with right-angle hanging bars and connecting pieces to create an L-shaped display



Optional Covers for Opaque Effects

The LR V2 series offers optional cover accessories that attach to the panel through magnets. These accessories meet the needs of performances requiring background blocking.



Light-Blocking Cover

- Mounted to the panel through magnets, easy to disassemble and assemble
- Meet the lighting layout needs of different stages



Efficient Installation and Disassembly

Fast one-man installation | Three-handle design | Hollow hanging bars

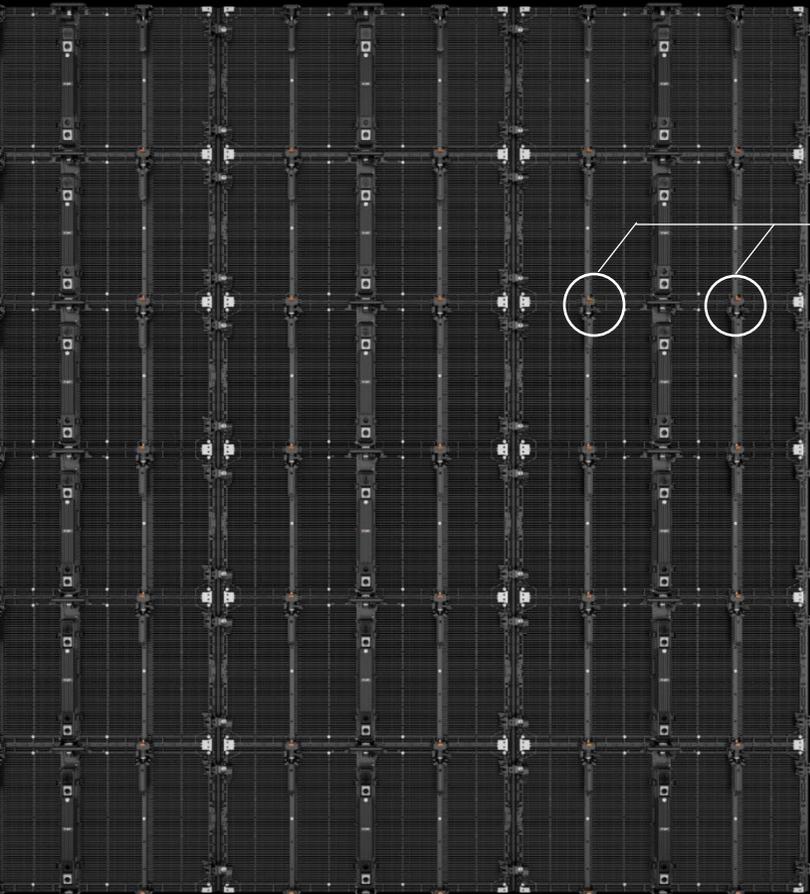
Module maintenance tools | Power box with toggle latches

Effortless One-Man Installation

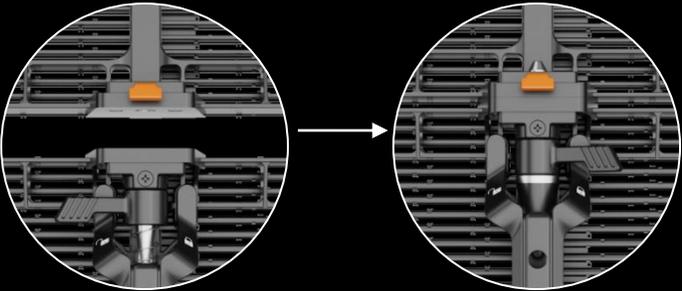


The panels are equipped with a vertical locking system, which comprises two fast locks and an intermediate lock that comes with a safety button to ensure a secure and tight connection.

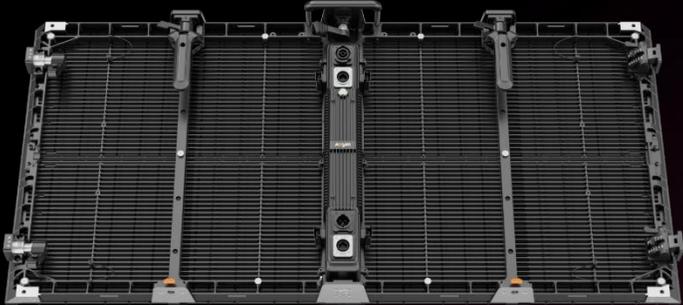
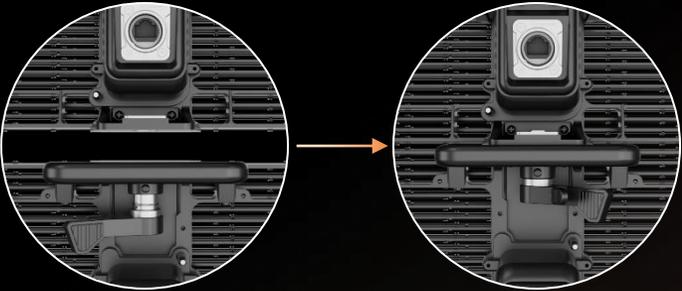
Safe and Sturdy Vertical Lock System



Fast locks



Lock with safety button



Achieving a Better Humanized Experience

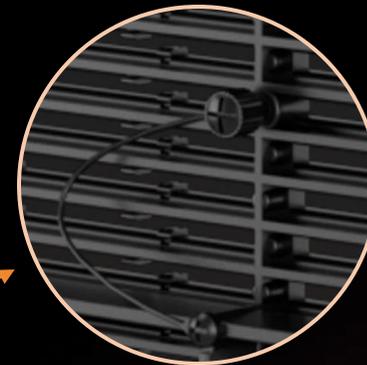
From the perspective of humanized experience, three handles are specially designed to facilitate user operation. The module's safety rope and reserved holes for tying nylon cable ties are designed to help protect the product and facilitate use.

Top Single Handle

- Easily pick up the panel to speed up installation

Left and Right Dual Handles

- Assist users in disassembling and assembling panels while preventing them from falling due to misoperation

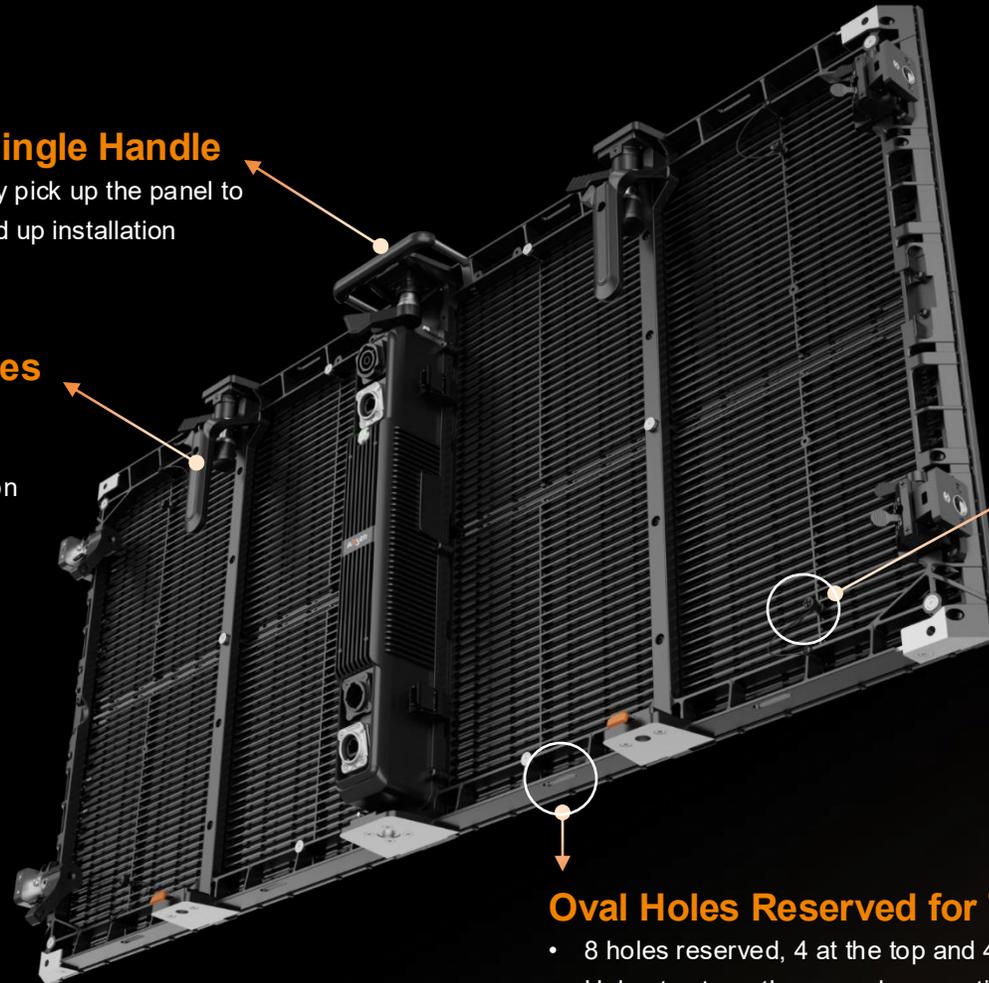


Safety Rope of Module

- Each module is equipped with 1 safety rope
- Prevent the module from falling due to misoperation in tough working environments

Oval Holes Reserved for Tying Nylon Cable Ties

- 8 holes reserved, 4 at the top and 4 at the bottom of the cabinet for nylon cable ties
- Helps to strengthen panel connections in the case of layer truss or square tube truss installations

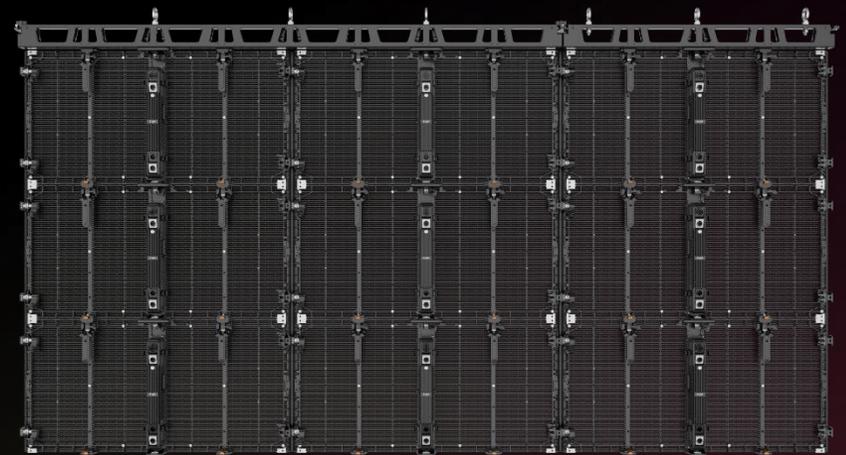


Stylish Hollow Hanging Bars

Two types of hanging bars are available: 1000mm and 2000mm, suitable for hoisting panels up to 10m high. The bars are hollow, perfect for transparent displays.

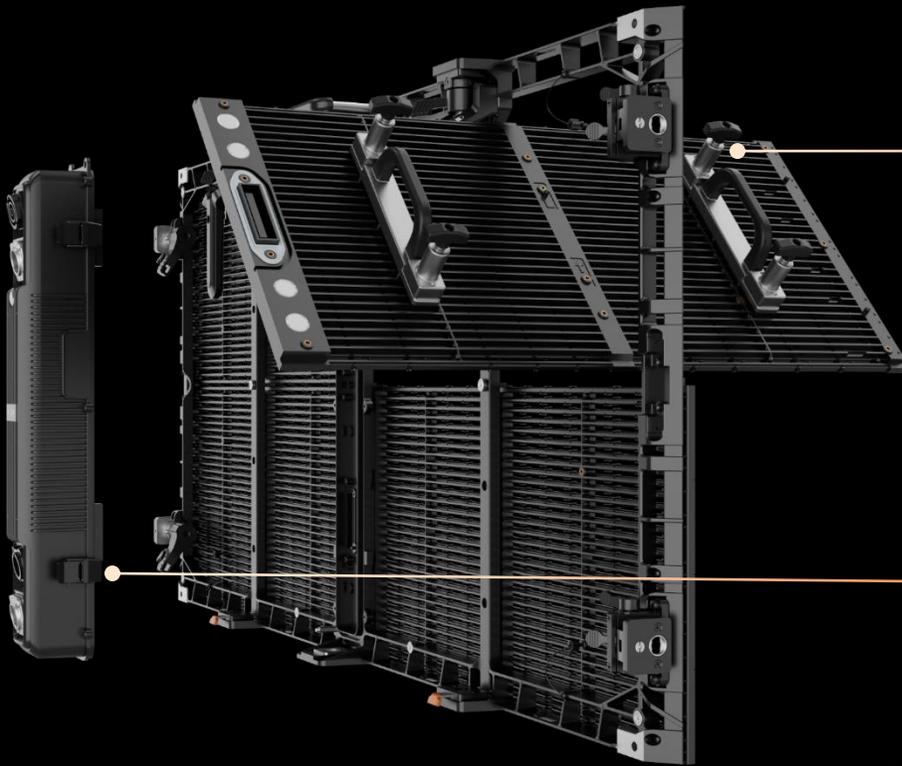
Hanging Bar Installation

- Matching the characteristics of transparent displays, the bars are hollow-designed
- Two sizes available: 1000mm, 2000mm
- Can be hung up to 10m (20 panels per column)
- Supports concave and convex connections



Elevate Your Maintenance Efficiency

The modular design enables fast maintenance of modules and power box. Exclusive maintenance tools are designed to facilitate module maintenance. The power box features a toggle latch design, allowing for easy replacement without additional tools.



Maintenance Tool for Module

- 500x250mm large module, divided into two types: left and right modules
- Before using tools for maintenance, you need to loosen the captive screws on the module
- Use this professional tool for maintenance to better protect the LED plate



Toggle Latch Design for Power Box

- There are two toggle latches on each side of the power box that can be unlocked for maintenance operations
- No additional tools required

Service Solutions for Stage Scenarios

AbsenCare

Absen ensures the success of every stage performance with our all-encompassing service solutions. Our expert team delivers pre-sales consultation, on-site technical support, and ongoing after-sales service to fulfill all customer needs.

Centralized Off-Season Maintenance Services

Fast and Efficient Batch Repairs

- Centralized repair services
- Quick turnaround, with repairs completed in as little as 5 days
- Repair speed exceeds industry standards by over 30%

- **Off-Season Service:** Centralized response to maintenance needs, ensuring readiness for upcoming events.
- **Peak Season Service:** Dedicated on-site personnel to promptly address issues and ensure smooth operations during major events.

Peak Season On-Site Maintenance Services

On-Site Maintenance

- Hassle-free and efficient service
- Certified Absen engineers with over 5 years of experience
- Professional, standardized maintenance services
- Comprehensive inspection and maintenance process (faulty parts identification, repair, re-inspection, packaging)

On-Site Service with Full Guarantee

- Standardized service operations
- Pre-event fault inspections to prevent issues
- Full support during the event for a worry-free experience
- Post-event checks to ensure safe load out

Professional Service, Best Experience



Absen has built up a global network , able to provide prompt and professional local services.



Comprehensive Support

Enjoy 2-year warranty, lifetime maintenance, and enjoy 10+ items of professional service solutions to help you solve problems



Global Coverage

500+ Absen certified partners, 3,000+ Absen certified engineers, covering most of the global market, the global service network is continuing to expand vigorously



Multiple Service Channels

Providing service via multiple channels such as Hot line, WeChat, WhatsApp, E-mail and official website to quickly take care of service requirements



24/7 Response

24/7/365 available, quick response in 10 seconds



One-Stop Service

Enjoy exclusive and professional service in the whole process of pre-sales, sales and after-sales

Service channels	Hot line: +86 400-700-3278 WeChat: 13923413428 WhatsApp: 008613923413428 Email: service@absen.com Official website: www.absen.com
Service time (GMT+8)	7X24 hours online service

Absen Service Philosophy



Initiative. Efficiency. Standardization. Thoughtfulness.

Initiative

Proactive care and return visits, regular touring inspection services for customers

Efficiency

Absen customer service center responds within 10 seconds, intelligently match the best local service resources, and enjoy a fast service experience

Standardization

Comprehensive service engineer training system, ACE professional training and certification, ACP professional certification; establishing customer's product files and record the entire service process

Thoughtfulness

Longer warranty, worry-free quality

Parameters



Parameters	LR3.9-7.8 V2			
Control system	NovaStar			
LED type	SMD1921			
Pixel pitch (mm)	3.9(H)-7.8(V)			
Panel dimensions (WxHxD, mm)	1000x500x85		500x500x71	
Panel resolution	256x64		128x64	
Panel weight (kg)	8		5	
Panel material	Die casting aluminum			
Module size (WxH, mm)	500x250			
Brightness (nit)	3000	4000	3000	4000
Refresh rate (Hz)	7680	7680	7680	7680
Grayscale (bit)	15	15	15	15
Contrast ratio	3000:1	4000:1	3000:1	4000:1
Color temperature (K)	6500			
Viewing angle (H/V, °)	160/130	160/160	160/130	160/160
Drive mode	1/16	1/16	1/16	1/16
AC operating voltage(V)	100~240			
Power consumption (max./avg., W/m ²)	420/140	350/115	420/140	350/115
Heat generated (max./avg., BTU/h/m ²)	1433/478	1195/392	1433/478	1195/392
Storage temperature (°C)	- 40~ + 60			
Operating temperature (°C)	- 20~ + 50			
Storage humidity (RH)	10 % ~90 %			
Operating humidity (RH)	10 % ~90 %			
IP rating	IP65/IP54			
Certification	FCC, UKCA, CE, BIS, CCC, RoHS			

Thank You



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