

UHD SERIES

INDOOR FINE PITCH LED DISPLAY



3.6KG ULTRA-LIGHT
MODULE



MODULAR
DESIGN



160° ULTRA-WIDE
VIEWING ANGLE



How to install
How to install
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UHD SERIES

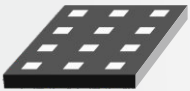
Product Features

Lightweight, high-brightness display designed for fixed display

01

Flip-chip cob for enhanced, stability and safety

Full high-density integrated packaging technology, enabling double protection and double safety.



Flip-Chip COB Panel



SMD Panel

Dual backup for power and signal, stable operation all day long

Dual backup, high reliability, no black screen, no screen distortion, no stuttering.



Stable signal



Keep running without power interruption



Maintenance without shutdown

Large-size module design & high-precision CNC processing

Reduce module splicing gaps for a more integrated overall screen view and better visual experience.

50% ↓
Reduced splicing gaps

MODULE DIMENSIONS(MM)

300*168.75 vs 150*168.75 (tradition)



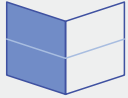
Supports single module correction and screen body correction

- ☑ Point-by-Point Brightness Calibration
- ☑ Point-by-Point Chromaticity Calibration
- ☑ Automatic Gamma Calibration
- ☑ Seam Bright/Dark Line Calibration



Free customization, boundless creativity

160° ultra-wide viewing angle, supports curved and 45° chamfer customization, suitable for various application scenarios.



45° customized
chamfered cabinet



3° maximum
inner curvature



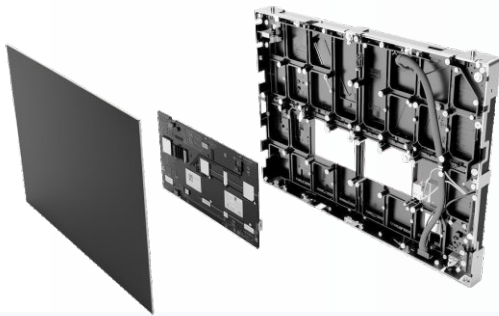
Product Advantages

Easy to install, easy to maintain, seamless splicing

02

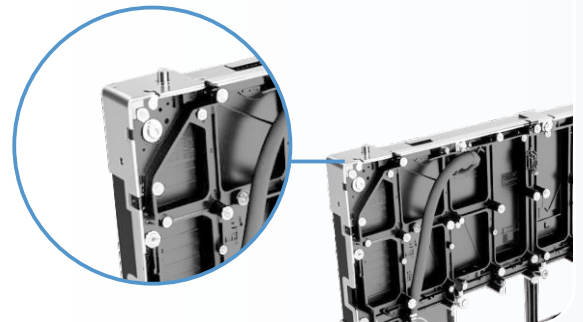
Modular design

Convenient for maintenance and installation



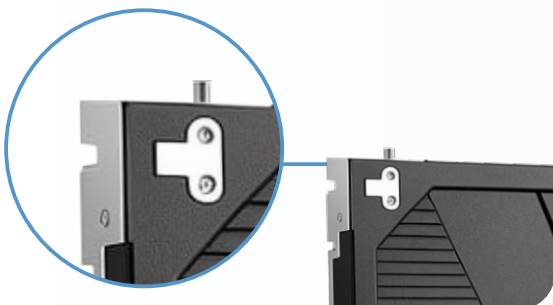
Die-cast aluminum frame

Moistureproof and dustproof, sturdy and durable



Metal frame protection

Anti-collision and anti-fall, the handling and installation process is safer



Front maintenance

Direct plug-and-play and hot-swap design greatly shorten customers' maintenance time

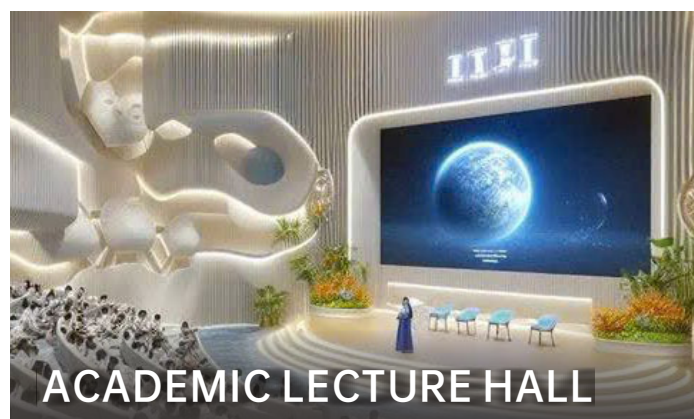


Product Specification

03

Product Model	UHD0.9	UHD1.2	UHD1.5
Pixel Pitch (mm)	0.9375	1. 25	1. 5625
Pixel Density(pixel/m²)	1137777	640000	409600
LED type	COB	COB	COB
Driving Mode	Common Cathode	Common Anode	Common Anode
Module Dimensions(mm)	150X168.75	300X168.75	300X168.75
Module Resolution(pixels)	160X180	240X135	192X108
Cabinet Size (mm)	600x337.5x38	600x337.5x38.1	600x337.5x38.1
Cabinet Resolution	640x360	480x270	384x216
Brightness(nit)	600	600	600
Max Power/Average Power (W/m²)	240/80	280/93	275/91
Grey Scale	≥13	≥13	≥13
Contrast Ratio	≥5000:1	≥5000:1	≥5000:1
Refresh Rate(Hz)	≥3840	≥3840	≥3840
View Angle(H/V)	160°/160°	160°/160°	160°/160°
Cabinets Driven by Power Supply (220v)(PCS)	27	28	28
Cabinets Driven by Network Cable (Standard 60Hz, No HDR)(PCS)	2	5	7
Weight(kg)	4.4	3.6	3.6
Main Structure Material	Die-Cast Aluminum		
Protection Level(F/B)	IP65/IP30		
Input AC Voltage(AC)	AC100 -240V 50/60Hz		
Operating Temperature	-10℃ ~ 40℃		
Operating Humidity	10% RH ~ 90% RH (Non-condensing)		
Installation Methods	Support Frame + Wall Mounting		
Maintenance Methods	Front maintenance		
Certification	CEC/3C/Energy Saving/RoHS 2.0/CE/ETL/FCC/CB/BS476 Class 2 Fire Resistance		

*Note:Parameters may vary depending on configuration and are for reference only.





2026

Founded in



200,000 m²
annual production capacity



400+
Patents Owned



10,000+
International & Domestic
Projects



100+
Sales Reps Globally

