DDWdisplay

AXIS SERIES

ONE PLATFORM THREE SOLUTIONS

DDWdisplay

DISPLAY FOR BETTER

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AXIS

The Standard
Rental Solution

AXIS ONE

Integrated &
Lightweight

AXIS FLEX

Unlimited
Creative Shapes

WHY AXIS?

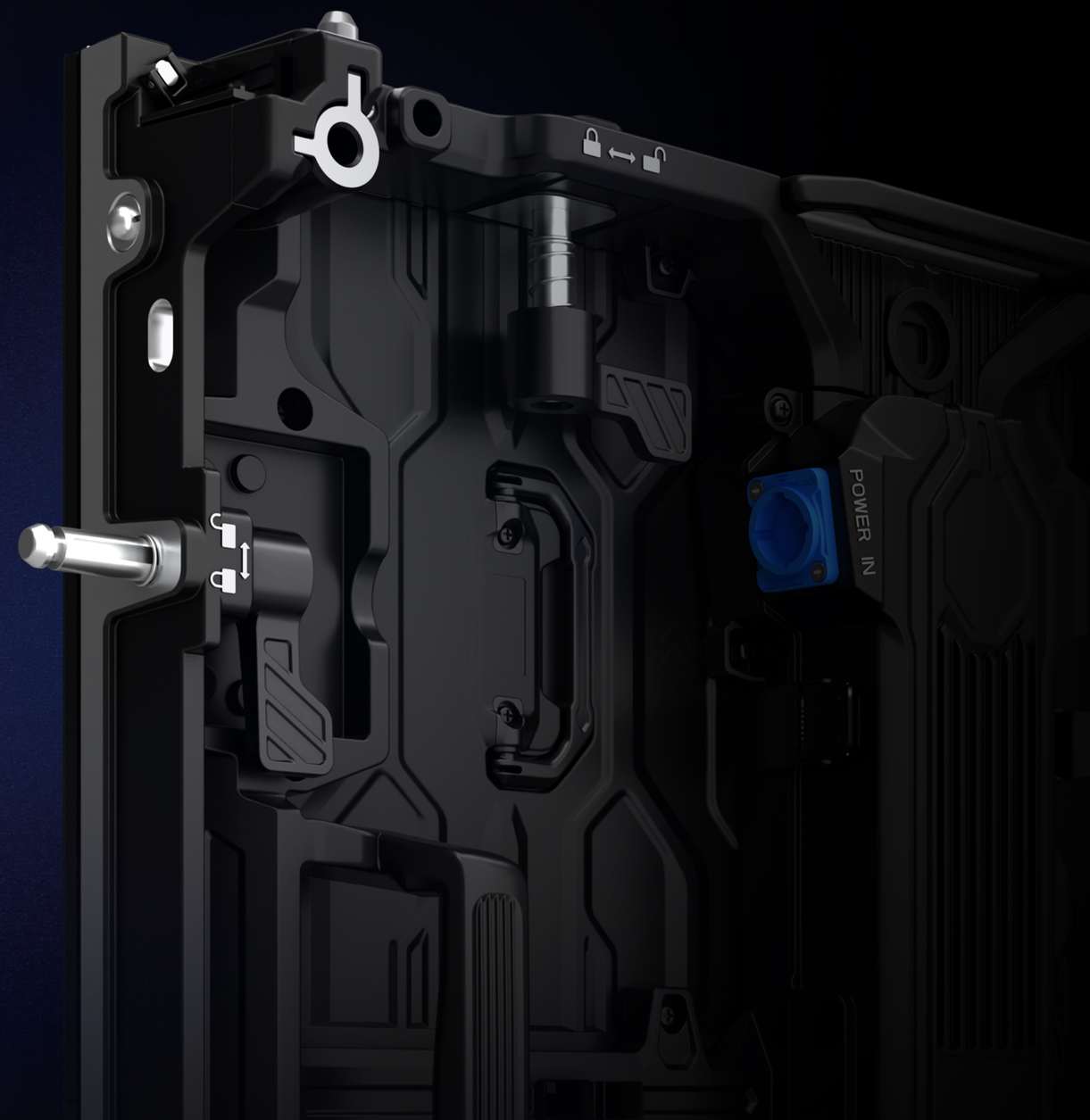
Built Different.
Performs Better.

The AXIS Family is a unified rental LED display platform designed for professional staging, touring, broadcast, and creative installations.

By combining robust mechanical engineering with fast deployment and outstanding visual performance, AXIS delivers a smarter, more efficient solution for every rental application.

Why Professionals Choose AXIS

- One Unified Mechanical Platform
- One Complete Rental Ecosystem
- Unlimited Creative Possibilities
- Reliable & Durable Construction
- Designed for Professional Rental



ENGINEERED FOR PROFESSIONAL RENTAL

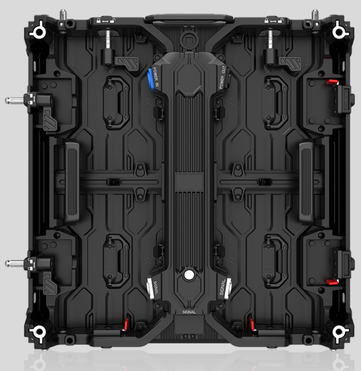
Advanced engineering and thoughtful design deliver speed, reliability and stunning visuals for every important moment.

AXIS FAMILY

ONE PLATFORM. THREE SOLUTIONS.

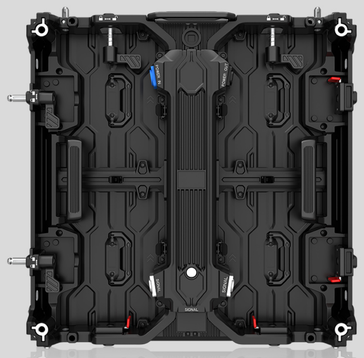
The AXIS Family brings together three rental display solutions built on one unified platform.

From standard events to premium touring and creative installations, every application starts with the same reliable foundation.



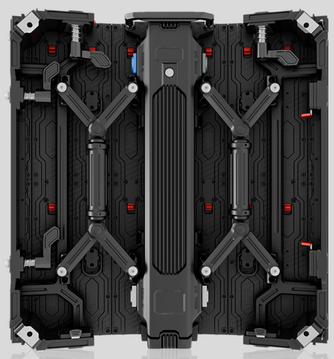
AXIS

Reliable and efficient for everyday rental applications.



AXIS ONE

Cleaner design for faster setup and easier maintenance.



AXIS FLEX

Designed for curved, corner and immersive installations.

FAST INSTALLATION
Tool-free locking system for quick assembly.

FRONT & REAR SERVICE
Easy access from both sides.

LIGHTWEIGHT CABINET
Die-cast aluminum for effortless handling.

CREATIVE INSTALLATION
Supports flat, curved and 90° configurations.

RELIABLE PERFORMANCE
Stable operation for demanding events.

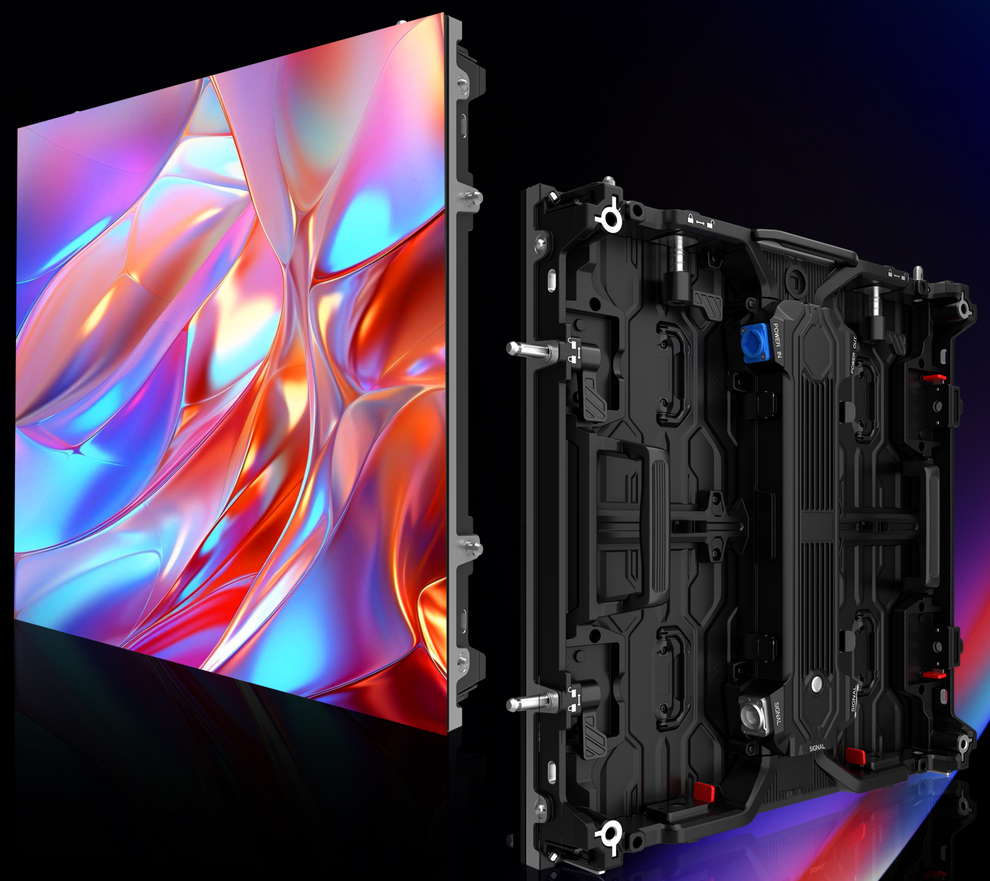
OUTSTANDING VISUALS
7680Hz refresh rate with excellent image quality.

Cross-Series Combination Support

AXIS Series can be flexibly combined with AXIS FLEX Series, supporting flat, curved, S-shaped, and creative splicing designs. It is ideal for complex stage structures and high-end rental projects, giving designers more freedom and flexibility.

AXIS SERIES

STANDARD RENTAL SOLUTION



Slim Die-Cast Cabinet
Lightweight, strong, and flat cabinet design for easy rental use.

Front & Rear Maintenance
Easy module access from both sides for faster service.

7680Hz High Refresh Rate
Smooth, flicker-free visuals for filming and live events.

IP65 Outdoor Protection
Reliable waterproof performance for outdoor rental applications.

Anti-Collision Design
Soft corner guards and recessed modules protect LED pixels during handling.

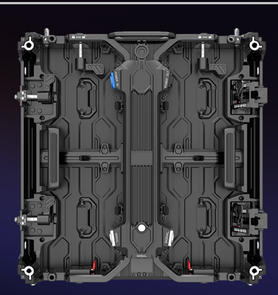
Flexible Splicing
Supports flat, curved, right-angle and creative stage designs.

Specification

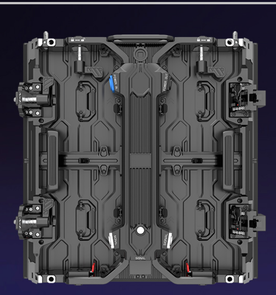
Note: Parameters may vary depending on configuration and are for reference only.

Pixel Pitch (mm)	1.95	2.6	2.97	3.91
Module Dimensions(mm)	500x250x15.7			
Module Resolution(pixels)	256x128	192x96	168x84	128x64
Pixel composition	3-1RGB			
LED type	SMD1212	SMD1515	SMD1415	SMD1921
Working voltage (DC)	4.5V			
Cabinet Dimensions(mm)	500x500x73.5			
Cabinet Resolution(pixels)	256x256	192x192	168x168	128x64
Main Structure Material	Die-cast aluminum			
Weight (kg)	7.5			
Max WB Brightness(nits)	INDOOR(1000)/OUTDOOR(4000-5000)			
Gray Level (bit)	14-16			
Contrast	≥3500			
Refresh rate (Hz)	7680			
Viewing angle (H / V)	160°/140°			
Protection Level (F/ B)	INDOOR(IP31)/OUTDOOR(IP45)			
Input AC Voltage	100-240V 50/60Hz			
Working Temperature(°C)	INDOOR(-10~40)/OUTDOOR(-20~50)			
Operating Humidity(RH)	INDOOR(10%~60%)/OUTDOOR(10%~90%)no condensation			
Installation Methods	Stacking + Hoisting			
Maintenance Methods	Front and rear maintenance			
Max Power/Average Power(W/m²)	580/195	550/190	630/210	630/220
Control Distance	Cat6e Lan cable: <100m; Single-mode fiber cable: <10km			

Flat Cabinet



-5~10° curved cabinet



45° beveled cabinet

AXIS ONE SERIES

High-Thrust 2-in-1 LED Technology

Slim Die-Cast Cabinet
Lightweight and strong cabinet structure with excellent flatness for high-end rental use.

Front & Rear Maintenance
Supports flexible maintenance from both sides, making on-site service faster and easier.

7680Hz High Refresh Rate
Smooth, stable, and camera-friendly visuals for live events, filming, and professional stage applications.

Magnetic Module Design
Magnetic modules allow quick replacement and easier installation.

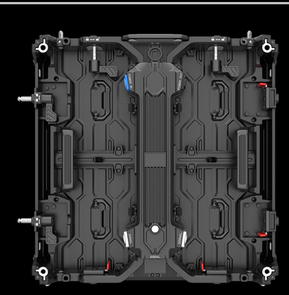
13kg Thrust Capacity
Up to 13kg lamp bead thrust, over 4× stronger than traditional LEDs.

High-Contrast Visuals
Clearer details, deeper blacks, and vivid image quality.

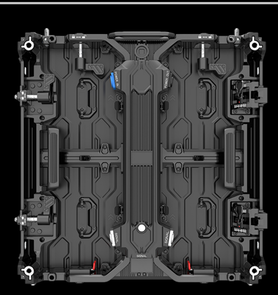
Specification

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

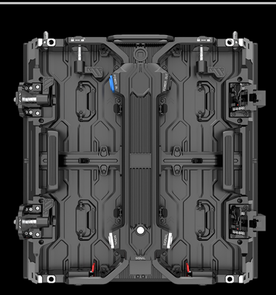
Pixel Pitch (mm)	1.95	2.6
Module Dimensions(mm)	500x250x15.7	
Module Resolution(pixels)	256x128	192x96
Pixel composition	3-1RGB	
LED type	SMD1212 2in1	SMD1515 2in1
Working voltage (DC)	4.5V	
Cabinet Dimensions(mm)	500x500x73.5	
Cabinet Resolution(pixels)	256x256	192x192
Main Structure Material	Die-cast aluminum	
Weight (kg)	7.5	
Max WB Brightness(nits)	1000	
Gray Level (bit)	14-16	
Contrast	≥3500:1	
Refresh rate (Hz)	7680	
Viewing angle (H / V)	160°/140°	
Protection Level (F/ B)	IP30	
Input AC Voltage	100-240V 50/60Hz	
Working Temperature(°C)	INDOOR(-10~40)	
Operating Humidity(RH)	10%~60% no condensation	
Installation Methods	Stacking + Hoisting	
Maintenance Methods	Front and rear maintenance	
Max Power/Average Power(W/m²)	580/195	
Control Distance	Cat6e Lan cable: <100m; Single-mode fiber cable: <10km	



Flat Cabinet



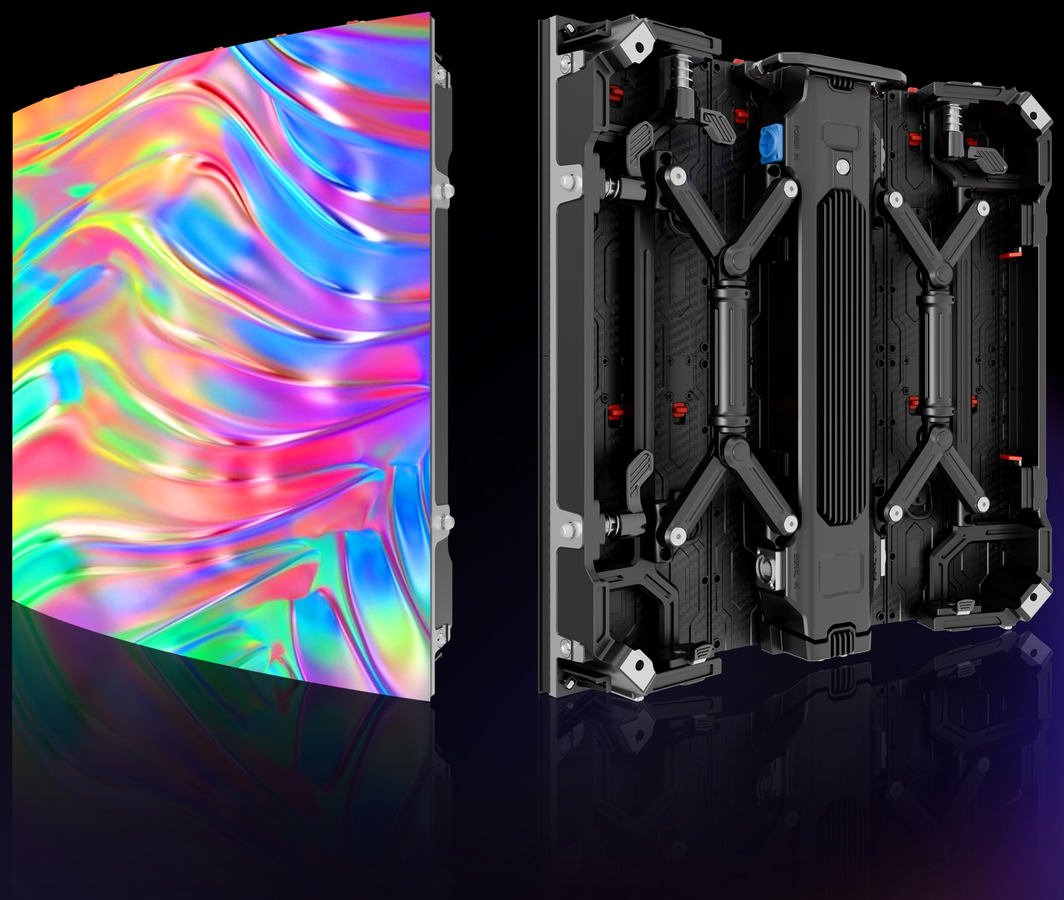
-5~10° curved cabinet



45° beveled cabinet

AXIS FLEX SERIES

UNLIMITED CREATIVE SHAPES



±30° Flexible Splicing
Supports concave, convex, S-shaped, cylindrical, and ring-shaped LED designs.

Cross-Series Compatibility
Can be combined with AXIS Series for more creative rental LED structures.

7680Hz High Refresh Rate
Smooth, stable, and camera-friendly visuals for live events and filming.

Single-Strip Module Design
Enhances water resistance and extends product service life.

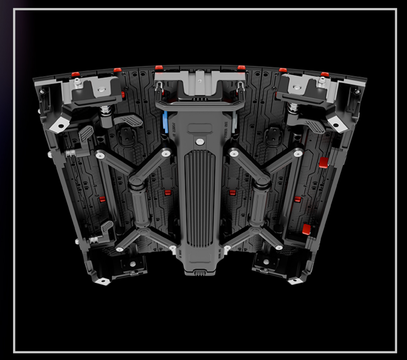
Triple Protection Design
Micro-brim, soft rubber corner guards, and PCB reinforcement improve durability.

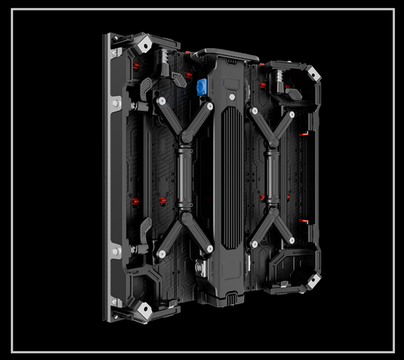
±30° Flexible Splicing
Enhances water resistance and extends product service life.

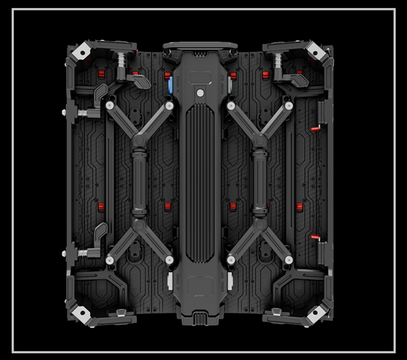
Specification

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

Pixel Pitch (mm)	1.95	2.6	2.97	3.91
Module Dimensions(mm)	500x250x11		32.73/59.52/62.49x500	31.25/162.5x500
Module Resolution(pixels)	256x128	192x96	11/76/21x168	8/16x128
Pixel composition	3-1RGB		3-1RGB	
LED type	SMD1212 2in1	SMD1515 2in1	SMD1415	SMD1921
Working voltage (DC)	4.5V		4.5V	
Cabinet Dimensions(mm)	500x500x81.6		500x500x81.6	
Cabinet Resolution(pixels)	256x256	192x192	168x168	128x128
Main Structure Material	Die-cast aluminum		Die-cast aluminum	
Weight (kg)	8.13		8.5	
Max WB Brightness(nits)	800		4000-5000	
Gray Level (bit)	14-16		14-16	
Contrast	≥3000:1		≥3000:1	
Refresh rate (Hz)	7680		7680	
Viewing angle (H / V)	140°/120°		140°/120°	
Protection Level (F/ B)	IP30		IP65/IP54	
Input AC Voltage	100-240V 50/60Hz		100-240V 50/60Hz	
Working Temperature(°C)	-10~40		-10~40	
Operating Humidity(RH)	10%~60% no condensation		10%~60% no condensation	
Installation Methods	Stacking + Hoisting		Stacking + Hoisting	
Maintenance Methods	Rear maintenance		Rear maintenance	
Max Power/Average Power(W/m²)	510/180		600/210	630/220
Control Distance	Cat6e Lan cable: <100m; Single-mode fiber cable: <10km			

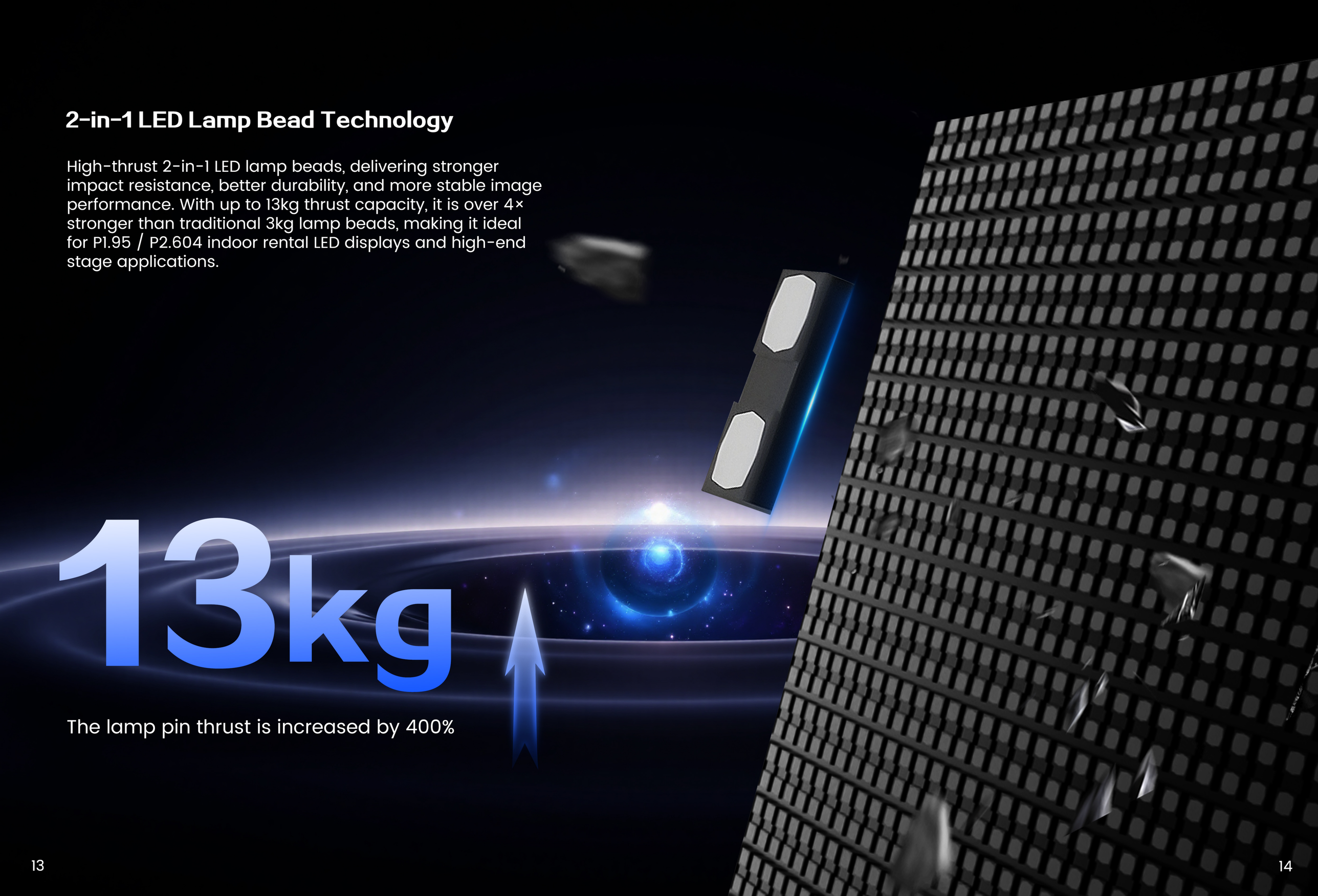






2-in-1 LED Lamp Bead Technology

High-thrust 2-in-1 LED lamp beads, delivering stronger impact resistance, better durability, and more stable image performance. With up to 13kg thrust capacity, it is over 4× stronger than traditional 3kg lamp beads, making it ideal for P1.95 / P2.604 indoor rental LED displays and high-end stage applications.



Camera-Friendly 2-in-1 LED Performance

With high brightness, high contrast, and improved image stability, the 2-in-1 LED package helps minimize moiré and flicker, delivering cleaner visuals for filming, live streaming, and professional rental LED applications.

Moiré-Free
Flicker-Free

7680Hz
High refresh rate

Non-reflective
High Image Quality

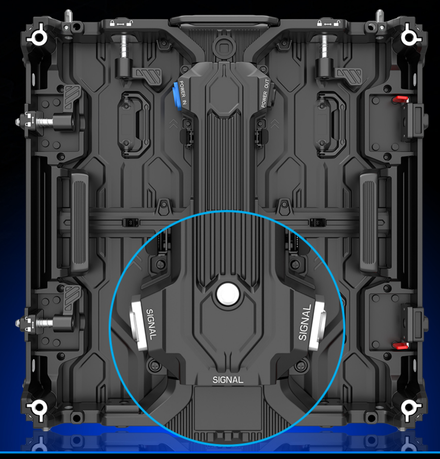
FEATURE

FRONT REAR MAINTENANCE

Easy module access from both sides for faster service.

DUAL-SIGNAL INTERFACES

Dual-signal input is available as an option, ensuring uninterrupted transmission



IP65 OUTDOOR PROTECTION

Reliable waterproof performance for outdoor rental applications.

ALUMINUM ALLOY PROTECTION FRAME

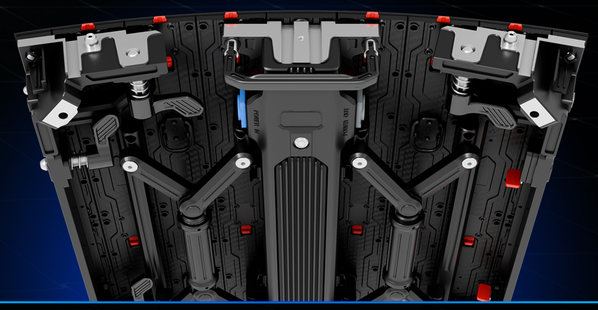
Improves impact resistance and drop protection during transport and installation.

ANTI-COLLISION DESIGN

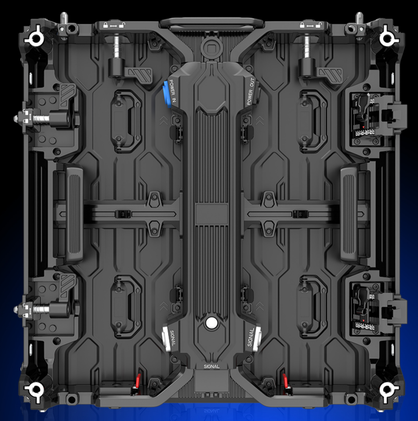
Soft corner guards and recessed modules protect LED pixels during handling.

±30° FLEXIBLE SPLICING

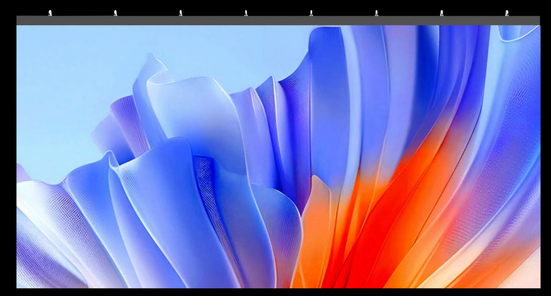
Supports concave, convex S-shaped,cylindrical, and ring-shaped LED designs.



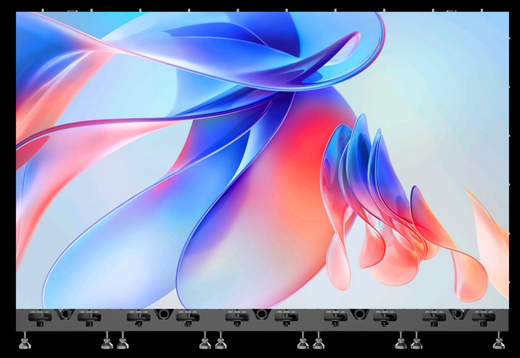
TYPICAL INSTALLATIONS



-5~10° CURVED CABINET

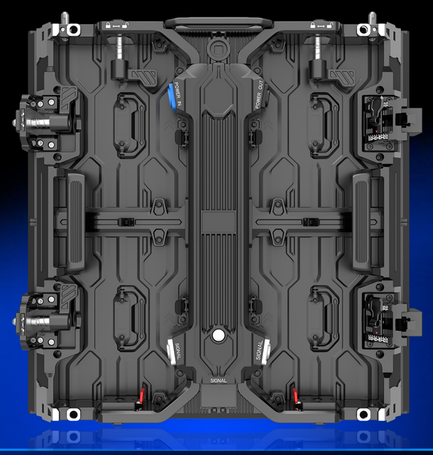


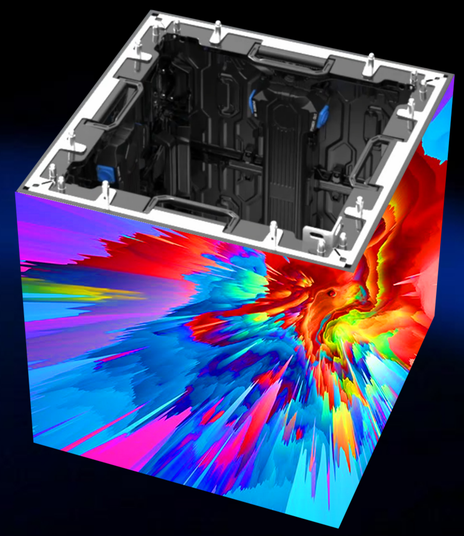
Hanging installation

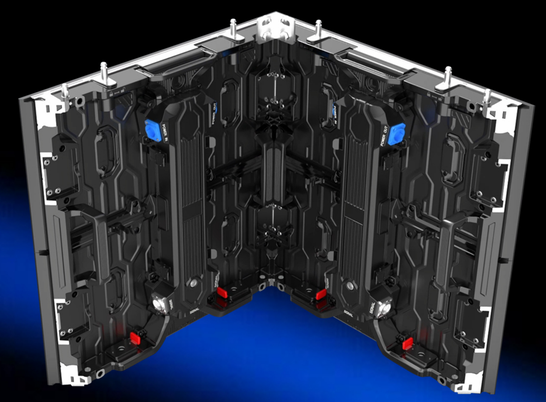


Vertical installation

45° BEVELED CABINET



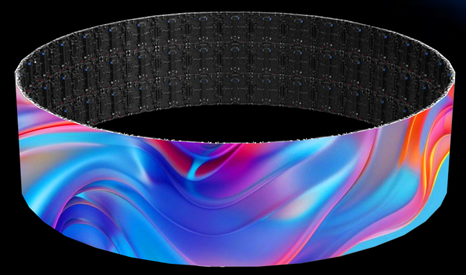




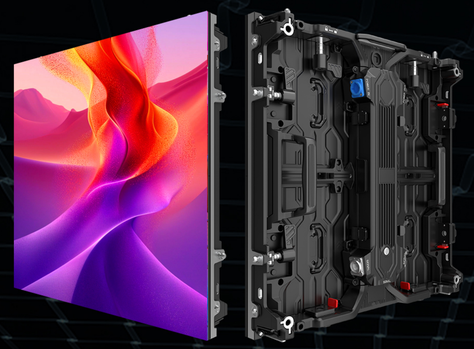
90° right-angle installation

± 30 ° FLEXIBILITY CABINET

Inner and outer curve



Ring Installation

WIDE RANGE OF APPLICATIONS

- Stage Shows & Concerts
- Exhibitions & Product Launches
- Corporate & Commercial Events
- Sports Events & Live Activities
- XR Virtual Production & Live Streaming
- Churches, Theaters & Auditoriums
- Creative Rental LED Projects