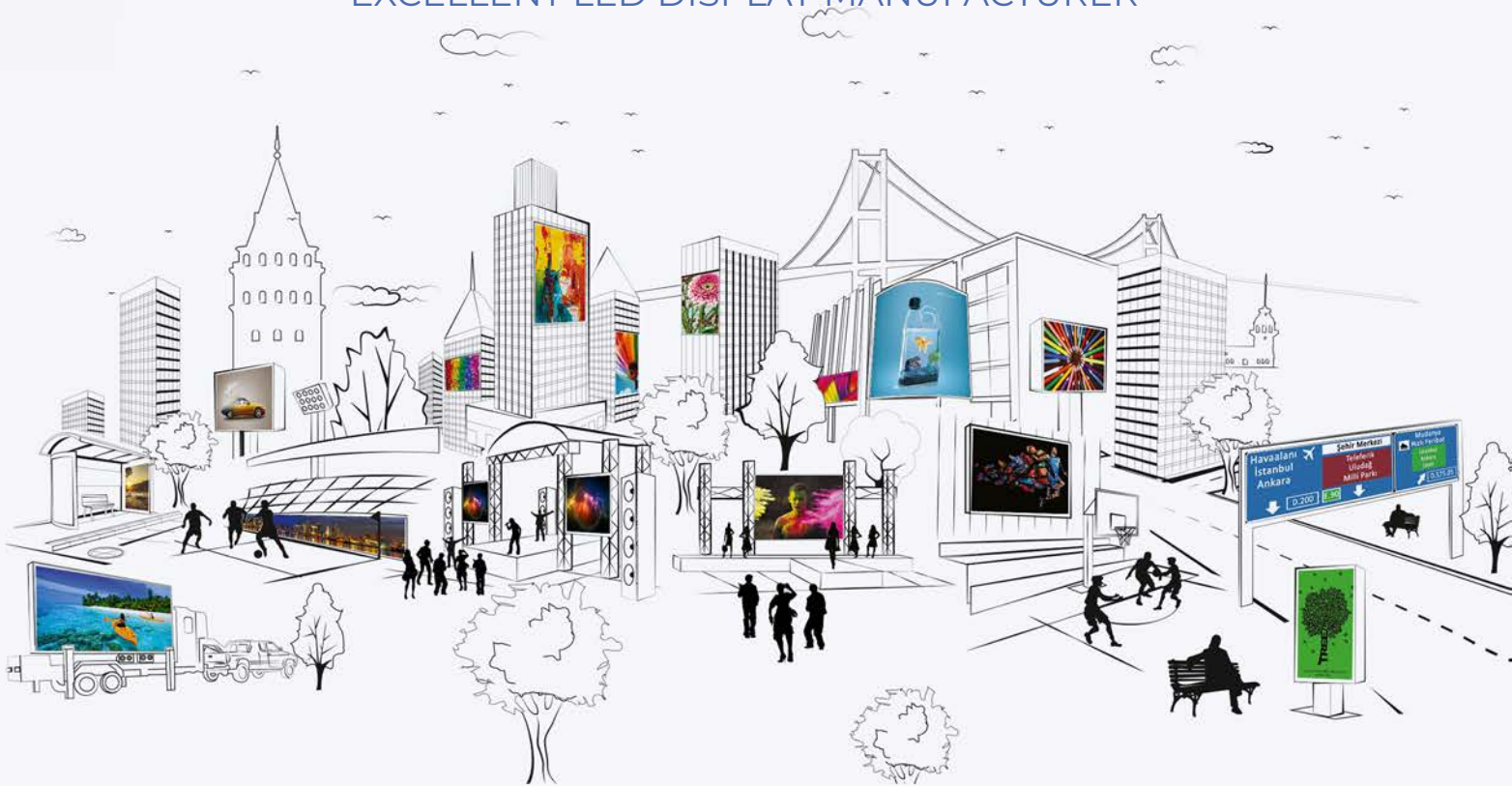




nicoledisplays@gmail.com



COMPANY PROFILE

RoleHeller is a world-class LED display brand under Xinglu Electronic Technology(Hebei) Co., Ltd (China).

We are dedicated to designing and manufacturing high-performance LED display solutions for a wide range of commercial applications, including advertising media, entertainment, sports, and transportation. With extensive experience in both OEM and ODM services, our LED displays have been supplied to clients in over 157 countries and regions worldwide.

At RoleHeller, we focus on innovation, reliability, and trust. Our commitment is to deliver cutting-edge technology, dependable products, and responsive service that meets the needs of global partners.

We prioritize our clients' requirements by offering professional and customized display solutions, ensuring outstanding visual performance across diverse environments.

A Decade of Craftsmanship and Innovation

Since our establishment in 2015, we have remained true to our brand philosophy: "Technology Interprets Creativity." Over the past ten years, we have built a comprehensive industry chain that integrates R&D, intelligent manufacturing, and global service.

Our team consists of over 150 highly educated professionals, including optoelectronic engineers, visual designers, and system architects. They stay at the forefront of the latest technologies and are always ready to deliver end-to-end services—from solution design and project execution to long-term operation and maintenance support.

Professional, Honest, Dependable
Xinglu Technology (Hebei) Co., Ltd.

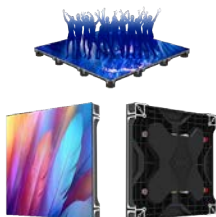
RENTAL LED DISPLAY



Stage series Page01

Flagship model, Slim. Smart. Curved.

A flagship rental panel engineered for speed and flexibility, with adjustable curvature and a lighter body that cuts logistics and labor costs.



LED Dance Floor Page05

Durable and ultra-slim, with a load capacity of up to 2000kg/m². Easy to install and features smart interactive capabilities.



LED Transparent Screen Page08

High-transparency for stylish retail and creative installs.

OUTDOOR LED DISPLAY



DOOH - O1 series Page13

Our outdoor LED screens are widely used in DOOH campaigns, providing high brightness, energy efficiency, and seamless integration with urban landscapes.



DOOH - O2 series Page17

A versatile outdoor LED display with a different panel size from the O1 series. It supports both wall-mounted installation and stadium perimeter setup with optional accessories.



SportWall series Page23

The Sports Series is a customized version of the O2, featuring enhanced impact resistance. It's ideal for football fields, basketball courts, and other sports venues.

INDOOR LED DISPLAY



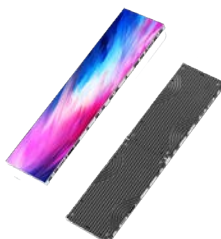
S1 series Page30

A classic indoor display with excellent value, ideal for various indoor applications.



S2 series Page38

Our flagship indoor series. Ultra-slim and lightweight, This series includes three models — COB, SMD, and CURVE — to meet various application needs.



S3 series Page54

Our latest model. Offers four panel sizes that can be freely combined, allowing for highly customizable configurations.



S3D series Page62

A double-sided LED display, typically used for suspended installations in commercial spaces.



Poster screen - P2 series Page69

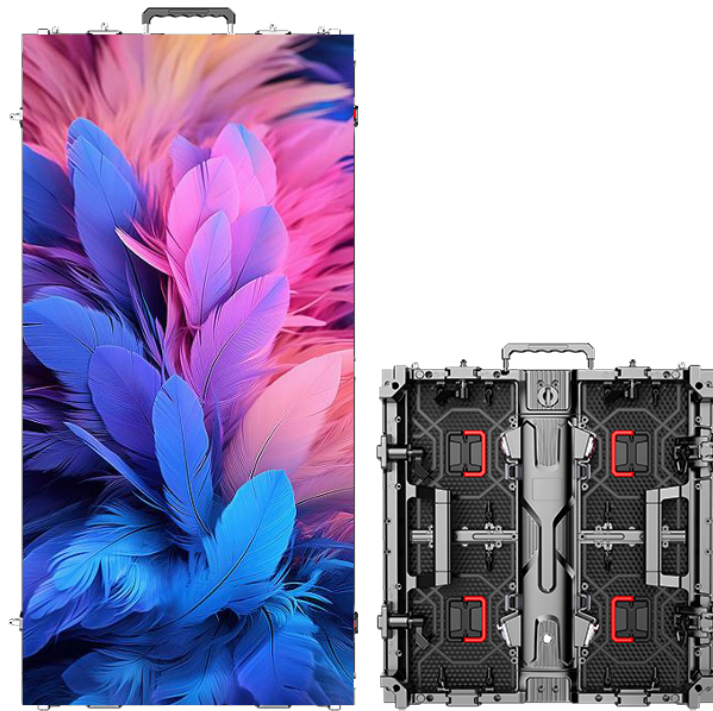
Feature-rich digital poster. Dual-sided display, mobile, and remotely controlled via Wi-Fi. A favorite for malls and chain stores.



Poster screen - P3 series Page75

This poster screen features a different panel size from the P2 model, yet delivers equally powerful performance.

Stage series



FEATURES



Modulization



Lighter&Thinner



Arc Lock



Easy maintenance



Flexible splicing



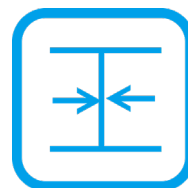
Quick installation



Wide viewing angle

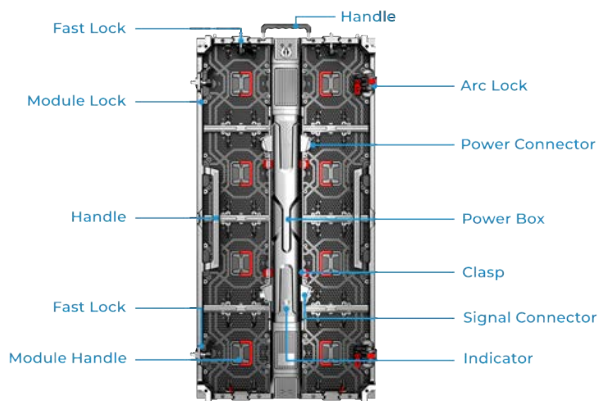


Superior protection



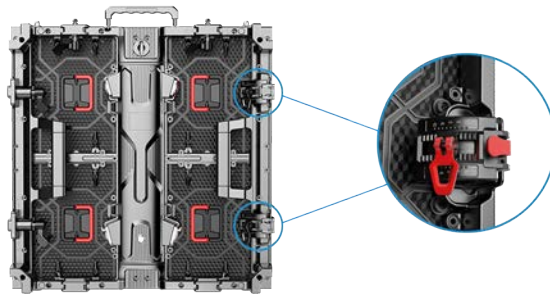
Seamless splicing

FUNCTIONAL CHARACTERISTICS



Schematic

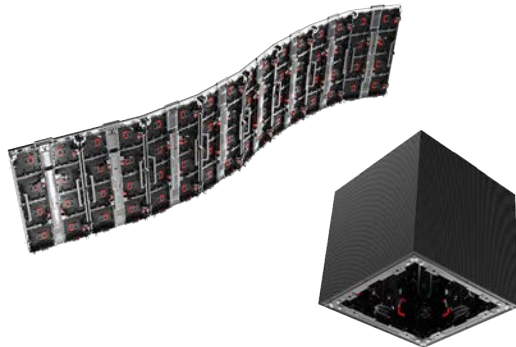
It can meet the demands of the mainstream market.



High-Precision Arc Lock

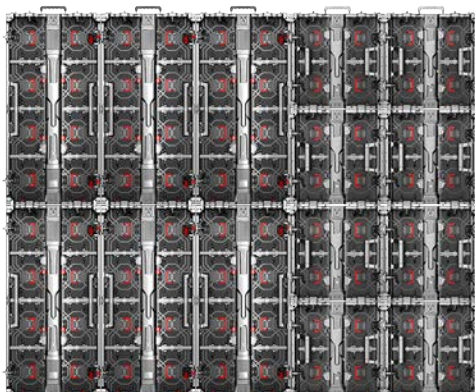
Innovative half-Arc lock Design, compatible with straight and arc configurations.

Adjustable angle: -5° / -2.5° / 0° / $+2.5^{\circ}$ / $+5^{\circ}$



Flexible Splicing

Supports right angle splicing, inner and outer curved splicing, and inter locking of large and small cabinets.



Integrated Design

The 500x500mm box can be easily assembled vertically with the 500x1000mm box, Greatly meets the construction needs of different areas.

PARAMETERS OF INDOOR RENTAL

Pixel Pitch	P1.56	P1.95	P2.5	P2.604	P2.976	P3.91	P4.81
LED Type	SMD1212	SMD1515	SMD1515	SMD1515	SMD1515	SMD2020	SMD2020
Pixel Density (dot/m ²)	409600	262144	160000	147456	112896	65536	43264
Module Resolution	160 x 160	128 x 128	100 x 100	96 x 96	84 x 84	64 x 64	52 x 52
Module Size (WxH)	250 x 250	250 x 250	250 x 250	250 x 250	250 x 250	250 x 250	250 x 250
Cabinet Size (mm)	500 x 500				500 x 500 / 500 x 1000		
Cabinet Resolution	320 x 320	256 x 256	200 x 200	192 x 192	168 x 168 168 x 336	128 x 128 128 x 256	104 x 104 104 x 208
Module Qty.	2 x 2	2 x 2	2 x 2	2 x 2	2 x 2 / 2 x 4	2 x 2 / 2 x 4	2 x 2 / 2 x 4
Weight (kg)	8	8	8	8	8 / 14.5	8 / 14.5	8 / 14.5
Maintenance	Front / Rear Maintenance						
Cabinet Material	Die-cast Aluminum						
Color Temp. (K)	5000-12000 Optional						
Viewing Angle	160° / 160°						
Brightness (Nits)	≥600	≥600	≥800	≥800	≥800	≥1000	≥1000
Viewing Distance	2 - 50m	2 - 50m	3 - 50m	3 - 50m	3 - 100m	4 - 100m	4 - 100m
Contrast Ratio	10000 : 1	10000 : 1	10000 : 1	10000 : 1	10000 : 1	10000 : 1	10000 : 1
Frame Rate	50/60	50/60	50/60	50/60	50/60	50/60	50/60
Drive Mode	1 / 40 scan	1 / 32 scan	1 / 25 scan	1 / 32 scan	1 / 28 scan	1 / 16 scan	1 / 13 scan
Grey Scale	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit
Refresh Rate (Hz)	3840	3840	3840	3840	3840	3840	3840
Max Power Com.	800w / m ²						
Ave Power Com.	200-300w / m ²						
Protection Grade	IP 31						
Power Input	AC90-264V, 47-63Hz						
Working T/H(°C /RH)	-20~60 °C / 10%~85%						
Storage T/H(°C /RH)	-20~60 °C / 10%~85%						
Cert.	CCC / CE / RoHS / FCC / CB / TUV / IEC						

PARAMETERS OF OUTDOOR RENTAL

Pixel Pitch	P2.604	P2.976	P3.91	P4.81	P5.95
LED Type	SMD1415	SMD1415	SMD1921	SMD1921	SMD2727
Pixel Density (dot/m ²)	147456	112896	65536	43264	28224
Module Resolution	96 x 96	84 x 84	64 x 64	52 x 52	42 x 42
Module Size (WxH)	250 x 250	250 x 250	250 x 250	250 x 250	250 x 250
Cabinet Size (mm)	500 x 500 / 500 x 1000				
Cabinet Resolution	192x192 / 192x384	168x168 / 168x336	128x128 / 128x256	104x104 / 104x208	84x84 / 84x168
Module Qty.	2 x 2 / 2 x 4	2 x 2 / 2 x 4	2 x 2 / 2 x 4	2 x 2 / 2 x 4	2 x 2 / 2 x 4
Weight (kg)	8 / 14.5	8 / 14.5	8 / 14.5	8 / 14.5	8 / 14.5
Maintenance	Front / Rear Maintenance				
Cabinet Material	Die-cast Aluminum				
Color Temp. (K)	5000-12000 Optional				
Viewing Angle	160° / 160°				
Brightness (Nits)	≥4500	≥4500	≥5000	≥5000	≥5000
Viewing Distance	3 - 50m	3 - 100m	4 - 150m	4 - 150m	6 - 200m
Contrast Ratio	10000 : 1	10000 : 1	10000 : 1	10000 : 1	10000 : 1
Frame Rate	50/60	50/60	50/60	50/60	50/60
Drive Mode	1 / 32 scan	1 / 28 scan	1 / 16 scan	1 / 13 scan	1 / 7 scan
Grey Scale	16 bit	16 bit	16 bit	16 bit	16 bit
Refresh Rate (Hz)	3840	3840	3840	3840	3840
Max Power Com.	800w / m ²				
Ave Power Com.	200-300w / m ²				
Protection Grade	IP 65				
Power Input	AC90-264V, 47-63Hz				
Working T/H(°C /RH)	-20~60°C / 10%~85%				
Storage T/H(°C /RH)	-20~60°C / 10%~85%				
Cert.	CCC / CE / RoHS / FCC / CB / TUV / IEC				

LED Dance Floor



FEATURES



Interactive



Lighter&Thinner



Strong Load-bearing



Easy Maintenance



Full Perspective



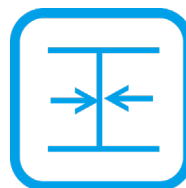
GOB protection



High Definition



Anti-Skidding



Seamless splicing

FUNCTIONAL CHARACTERISTICS



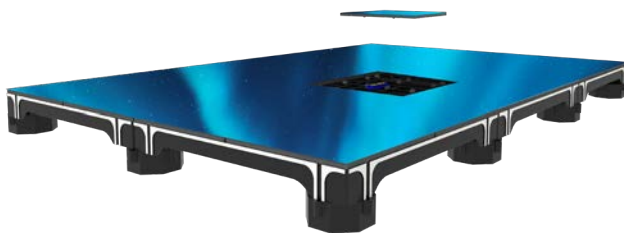
Interactive

Equipped with built-in control chip and interactive system, 128/256 sensing points can be selected per square meter. More precise response, more sensitive response, and smooth interactive effect.



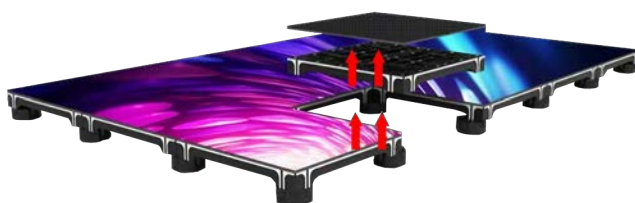
Strong Load-bearing

Professional customized high-strength die cast aluminum cabinet with a load-bearing capacity of 2000kg/m², fearless of car crushing.



Fast Installation

With precision-engineered base feet, each module aligns seamlessly at the corners for perfect leveling and faster setup on-site.



Easy Maintenance

Magnetic front access enables fast and tool-free servicing of the module, power supply, and receiving card—minimizing downtime and maximizing efficiency.

PARAMETERS

Pixel Pitch	P1.56	P1.9	P2.5	P2.604	P2.976	P3.91
LED Type	MIP0606	SMD1212	SMD1515	SMD1515	SMD1515	SMD2020
Pixel Density (dot/m ²)	409600	262144	160000	147456	112896	65536
Module Resolution	160 x 160	128 x 128	100 x 100	96 x 96	84 x 84	64 x 64
Module Size (WxH)	250 x 250	250 x 250	250 x 250	250 x 250	250 x 250	250 x 250
Cabinet Size (mm)	500 x 500 x 92					
Cabinet Resolution	320 x 320	256 x 256	200 x 200	192 x 192	168 x 168	128 x 128
Module Qty.	2 x 2	2 x 2	2 x 2	2 x 2	2 x 2	2 x 2
Weight (kg)	10.8	10.8	10.8	10.8	10.8	10.8
Maintenance	Front Maintenance					
Cabinet Material	Die-cast Aluminum					
Color Temp. (K)	5000-12000 Optional					
Viewing Angle	160° / 160°					
Brightness (Nits)	≥800	≥800	≥800	≥800	≥800	≥800
Contrast Ratio	10000 : 1	10000 : 1	10000 : 1	10000 : 1	10000 : 1	10000 : 1
Frame Rate	50/60	50/60	50/60	50/60	50/60	50/60
Drive Mode	1 / 32 scan	1 / 32 scan	1 / 20 scan	1 / 16 scan	1 / 14 scan	1 / 16 scan
Grey Scale	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit
Refresh Rate (Hz)	3840	3840	3840	3840	3840	3840
Max Power Com.	800w / m ²					
Ave Power Com.	200-300w / m ²					
Protection Grade	IP 31					
Power Input	AC90-264V, 47-63Hz					
Working T/H(°C /RH)	-20~60°C / 10%~85%					
Storage T/H(°C /RH)	-20~60°C / 10%~85%					
Cert.	CCC / CE / RoHS / FCC / CB / TUV / IEC					

LED Transparent Screen



FEATURES



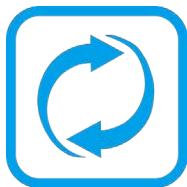
HD



High Transparency



Lighter



High Refresh



Wide View



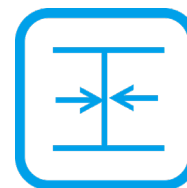
Easy Maintenance



High Protection



Customization

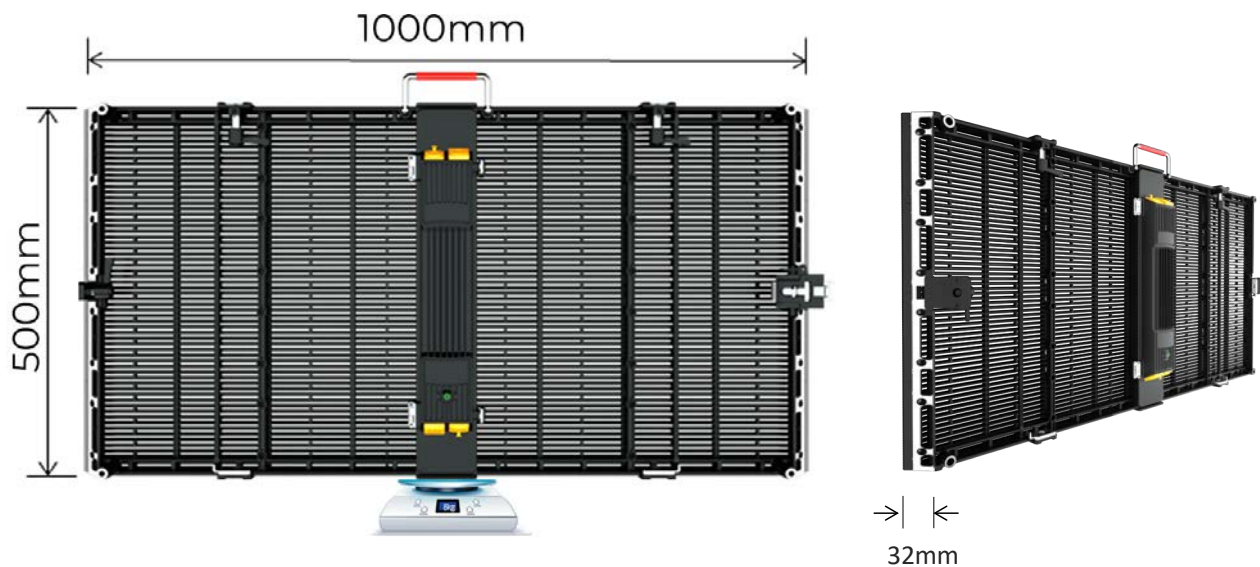


Seamless splicing

FUNCTIONAL CHARACTERISTICS

1 - Dimension & Weight

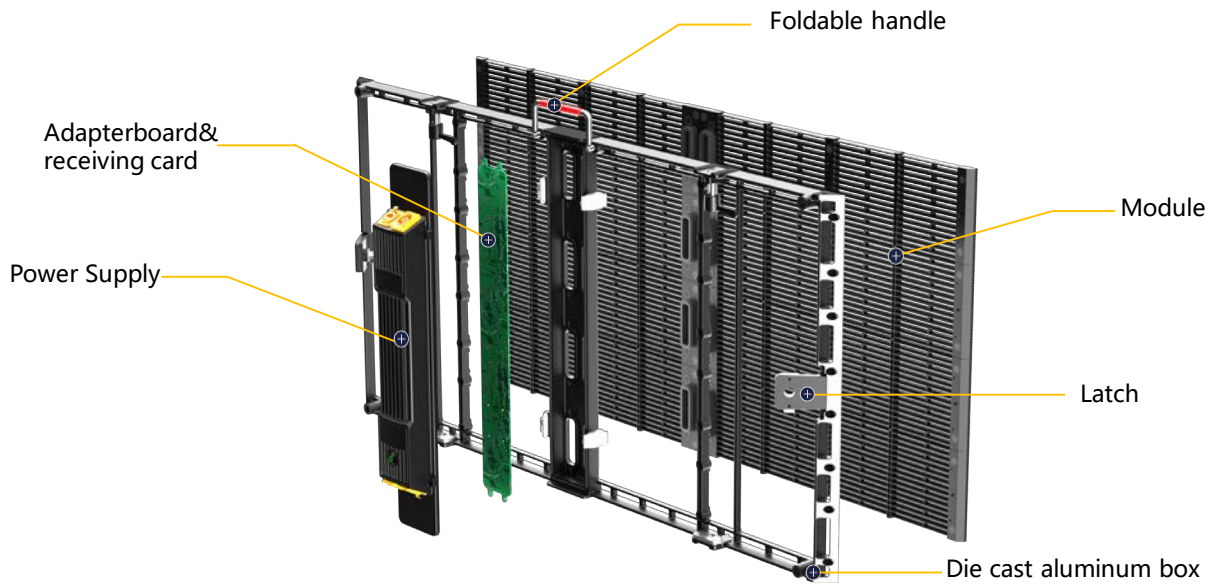
- Lighter and thinner
- 1000 X 500 Cabinet Size
- Support size customization to meet different needs



2 - High Protection - IP65 outdoor waterproofing



3 - Product Details

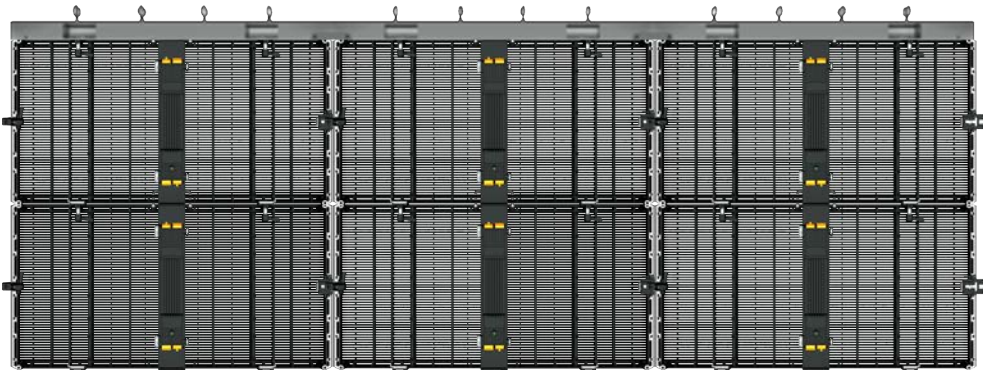


4 - High Transparency

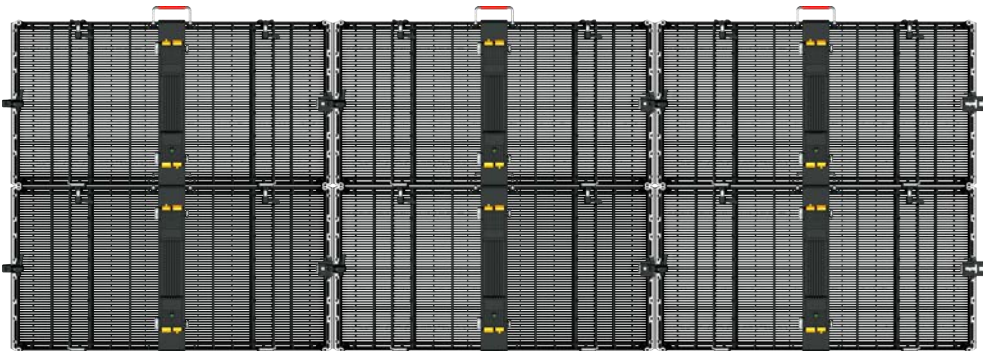
- Refined Structure with Simplified Design, offering 70%–85% transparency
- High Transparency without blocking light or visibility
- Excellent Ventilation through natural air convection — no fans required



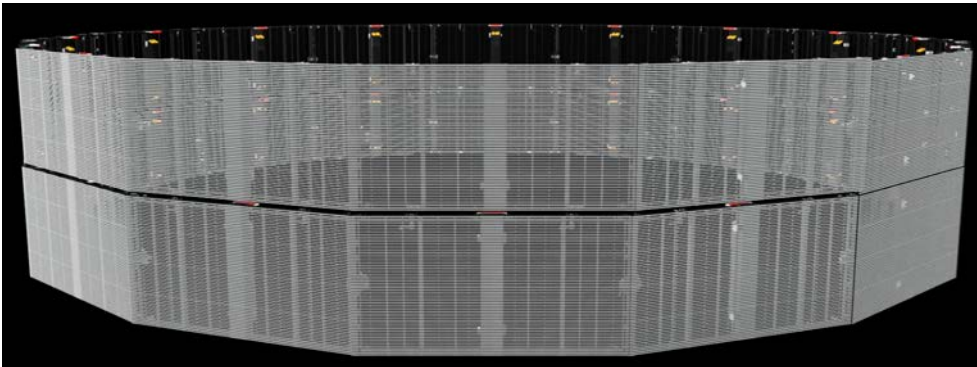
5 - Seamless Splicing



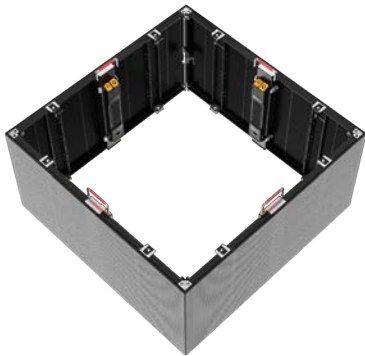
Hoisting



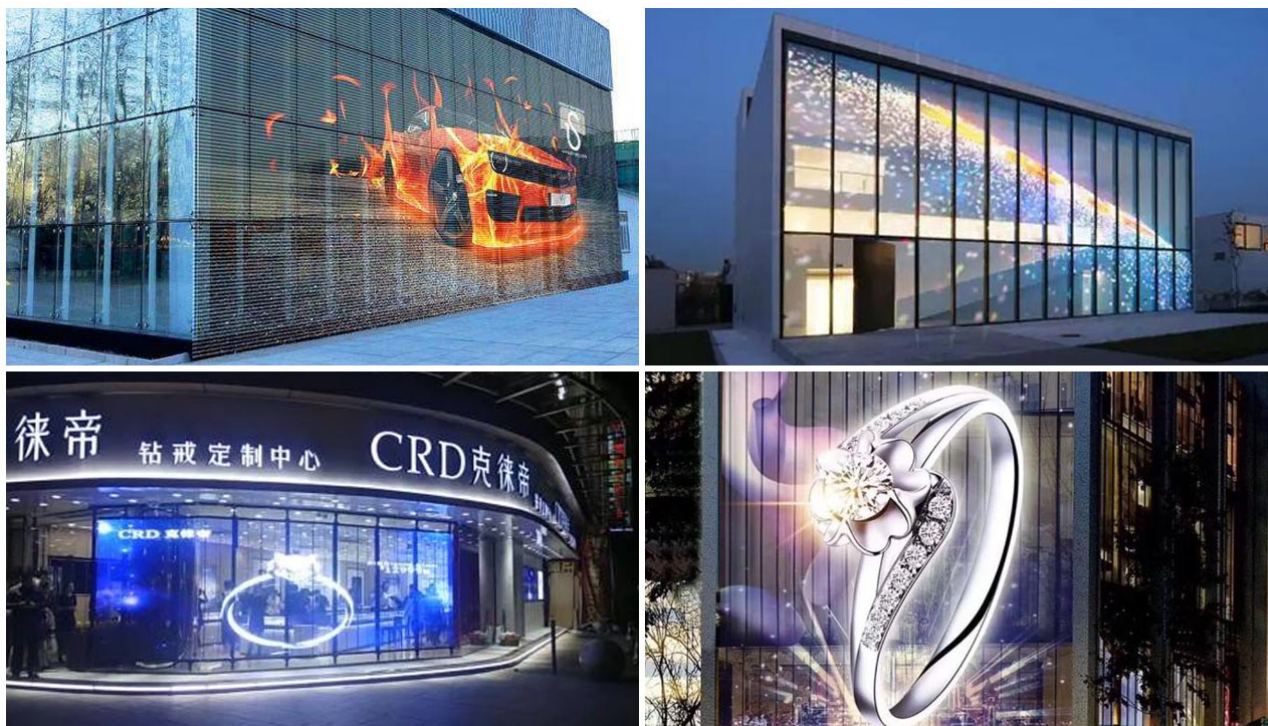
Seat mounting



Arc type installation



Square installation



PARAMETERS

	Outdoor	Indoor	
Pixel Pitch (H/V)	P3.91 - 7.82	P2.5 - 5.0	P3.91 - 7.82
LED Type	SMD1921	SMD1415 / 1515	SMD1921 / 2020
Pixel Density (dot/m ²)	32768	80000	32768
Cabinet size (mm)	1000 x 500	1000 x 500	1000 x 500
Drive mode	8 - 16	16 - 32	8 - 16
Brightness (cd/m ²)	≥5000	1500 - 2500	1500 - 2500
Transparency	70% - 85%	70% - 85%	70% - 85%
Refresh rate (Hz)	3840	3840	3840
Brightness adjustment	Level 256	Level 256	Level 256
Viewing angle (V/H)	160° / 160°	160° / 160°	160° / 160°
Best Viewing Distance	4m - 50m	3m - 50m	4m - 50m
Protection Grade	IP 65	IP 31	IP 31
Power Input	AC90-264V, 47-63Hz		
Working T/H(°C /RH)	-20~60°C / 10%~85%		
Storage T/H(°C /RH)	-20~60°C / 10%~85%		
Cert.	CCC / CE / RoHS / FCC / CB / TUV / IEC		

DOOH - O1 series



FEATURES



Eco & Eye Care



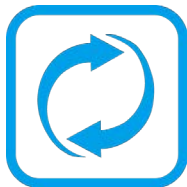
High brightness



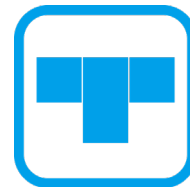
Ultra thin



Easy maintenance



High Refresh



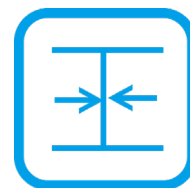
Quick installation



Wide viewing angle

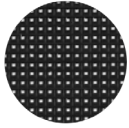


High protection



Seamless splicing

FUNCTIONAL CHARACTERISTICS



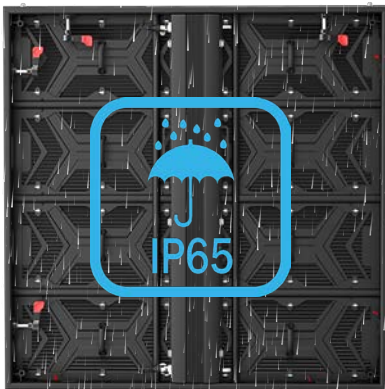
Front Side

Matte corrugation module mask achieves ultra-high contrast



Back Side

Aluminum profile cabinets are lightweight, which reduces both transportation and installation costs.



Protection Grade

IP65 Waterproof for both front and back side.



Seamless Splicing

Engineered with a refined structural design, the cabinet ensures precise alignment and seamless connections between panels. This guarantees exceptional flatness across the entire screen surface, delivering a flawless visual experience even in large-scale outdoor installations.

CURVED



All our outdoor screens offer optional curved panels to meet diverse project requirements.



PARAMETERS

Pixel Pitch	P2.976	P3.91	P4.81	P6.25	P7.81	P10.42
SMD type	SMD1415	SMD1921	SMD1921	SMD2727	SMD2727	SMD2727
Pixel density (dots/m ²)	112896	65536	43264	25600	16384	9216
Module resolution	168 x 86	128 x 64	104 x 52	80 x 40	64 x 32	48 x 24
Module size (mm)	500 x 250	500 x 250	500 x 250	500 x 250	500 x 250	500 x 250
Panel size (W x H x D/mm)	1000 x 1000 x 83					
Panel resolution	336 x 336	256 x 256	208 x 208	160 x 160	128 x 128	96 x 96
Module QTY (W x H)	2 x 4	2 x 4	2 x 4	2 x 4	2 x 4	2 x 4
Weight (kg)	22.5	22.5	22.5	22.5	22.5	22.5
Maintenance mode	Front & Rear	Front & Rear	Front & Rear	Front & Rear	Front & Rear	Front & Rear
Cabinet material	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
Drive mode	1/21 scan	1/16 scan	1/13 scan	1/8 scan	1/4 scan	1/2 scan
Brightness (Nits)	4500	6000	6000	6000	6000	6000
Color temperature	5000 - 12000 Optional					
Viewing angle (V/H)	140°/160°	140°/160°	140°/160°	140°/160°	140°/160°	140°/160°
Best viewing distance	3-100m	4-100m	4-100m	6-150m	8-150m	10-200m
Contrast ratio	10000 : 1	10000 : 1	10000 : 1	10000 : 1	10000 : 1	10000 : 1
Frame Rate	50 / 60	50 / 60	50 / 60	50 / 60	50 / 60	50 / 60
Grey Level	16 Bit	16 Bit	16 Bit	16 Bit	16 Bit	16 Bit
Refresh rate (Hz)	3840	3840	3840	3840	3840	3840
Max Power Com. (w/sqm)	800	650	650	650	650	650
Avg. power Com. (w/sqm)	200-300	100-200	100-200	100-200	100-200	100-200
Protection grade	IP 65	IP 65	IP 65	IP 65	IP 65	IP 65
Input Power	AC90-264V, 47-63Hz					
Working T/H(°C /RH)	-20~60°C / 10%~85%					
Storage T/H(°C /RH)	-20~60°C / 10%~85%					
Cert.	CCC / CE / RoHS / FCC / CB / TUV / BIS					

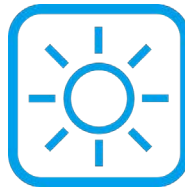
DOOH - O2 series



FEATURES



Eco & Eye Care



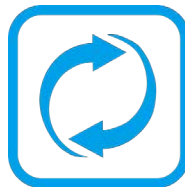
High brightness



Ultra thin



Easy maintenance



High Refresh



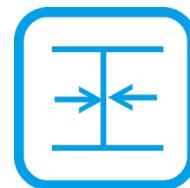
Stadium Banner



Wide viewing angle



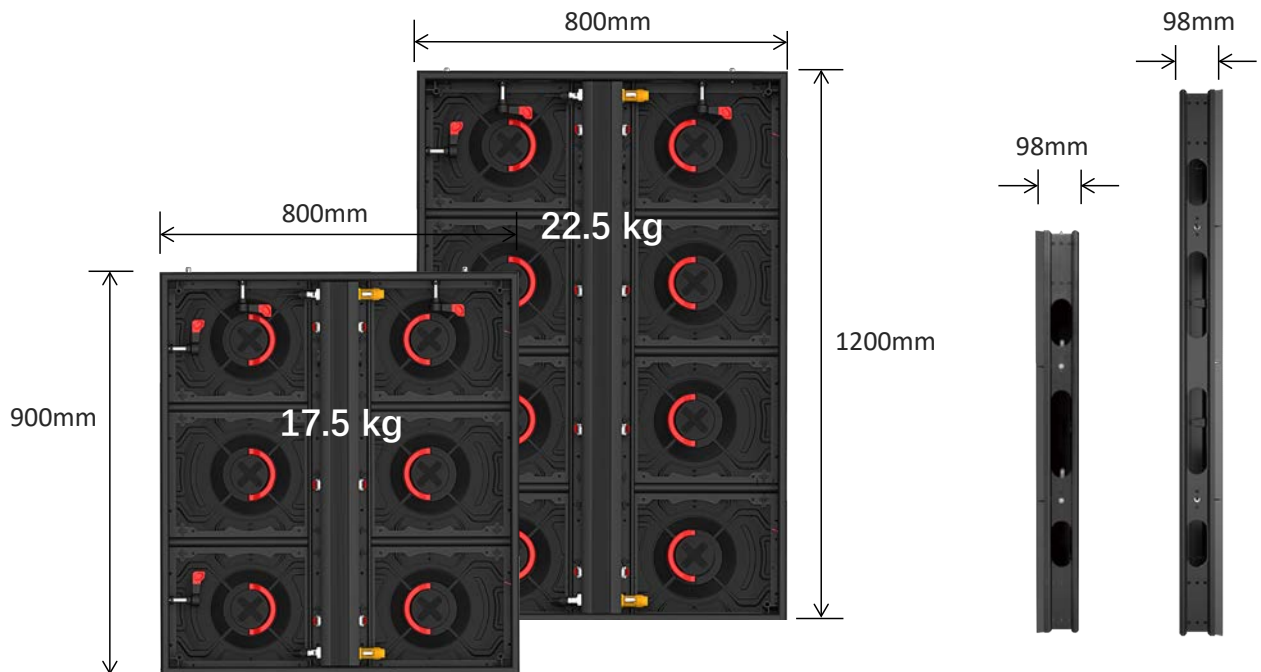
Superior protection



Seamless splicing

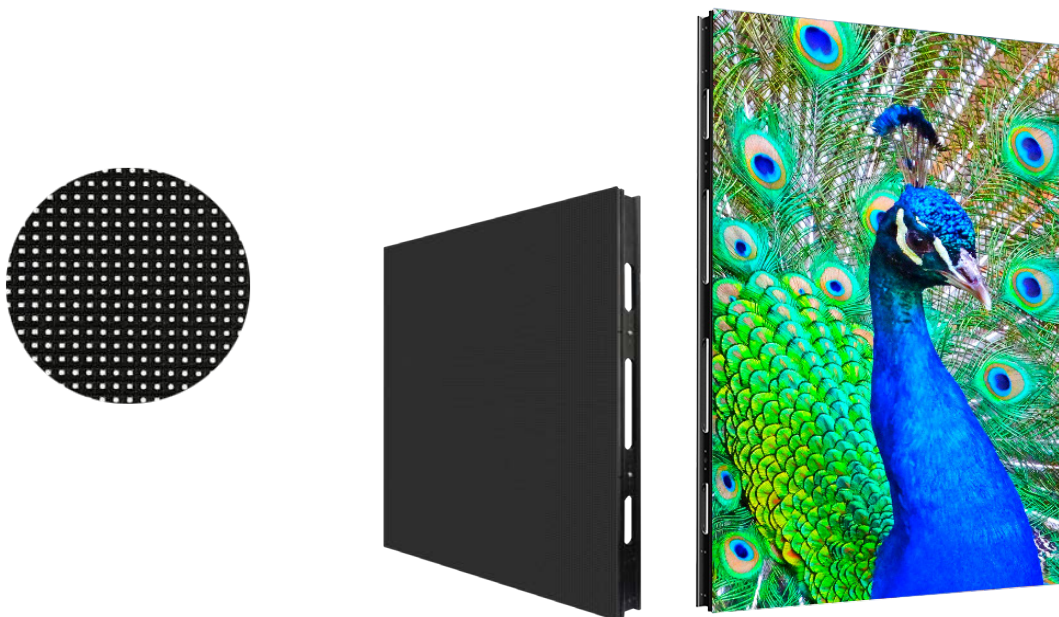
FUNCTIONAL CHARACTERISTICS

1 - Dimension & Weight



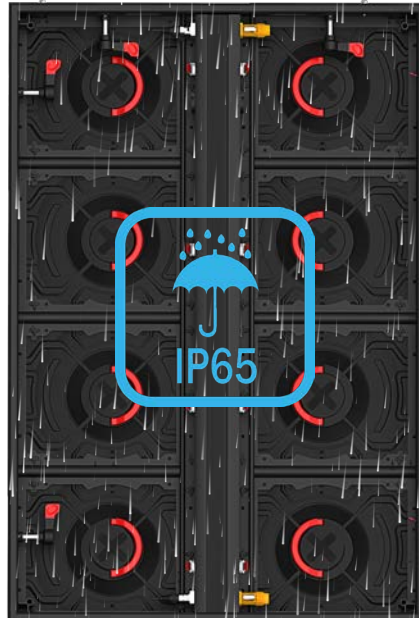
2 - FRONT SIDE

Matte corrugation module mask achieves ultra-high contrast



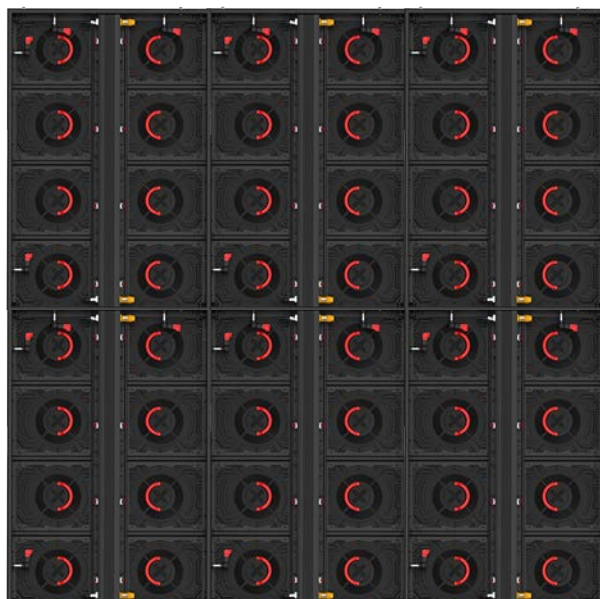
3 - PROTECTION GRADE

IP65 Waterproof for both front and back side



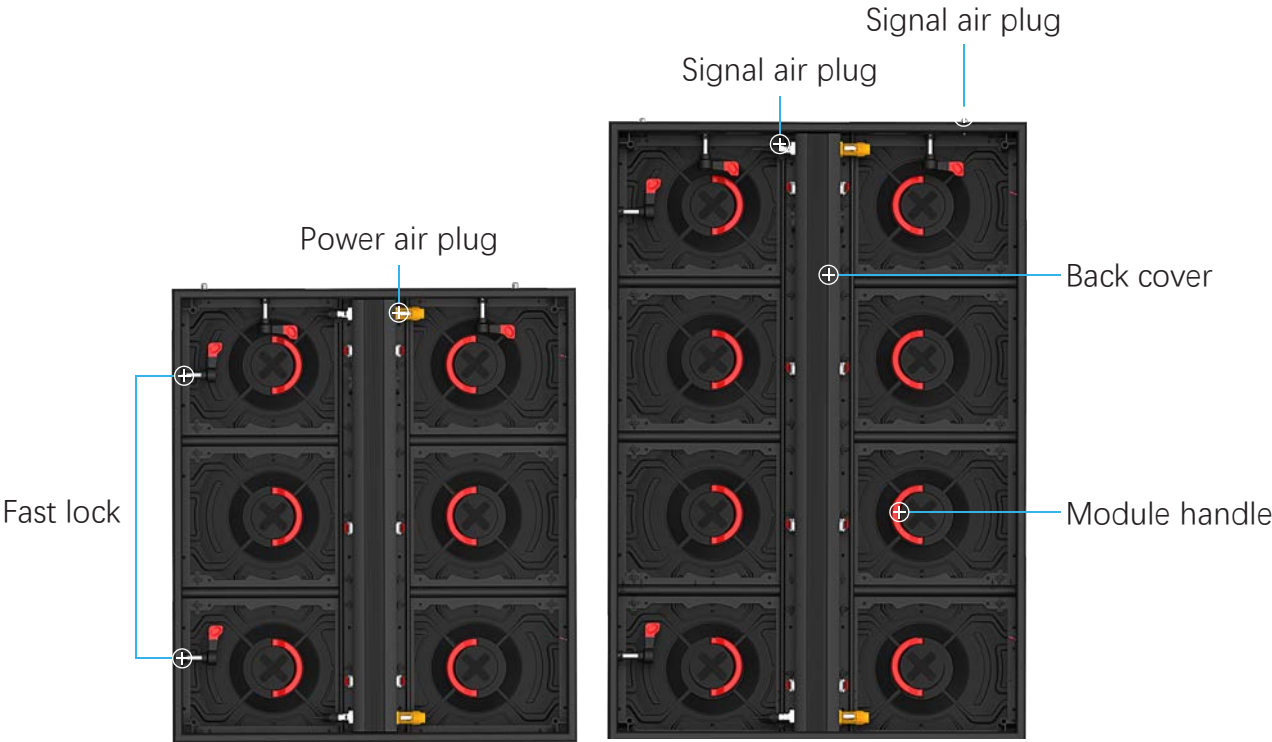
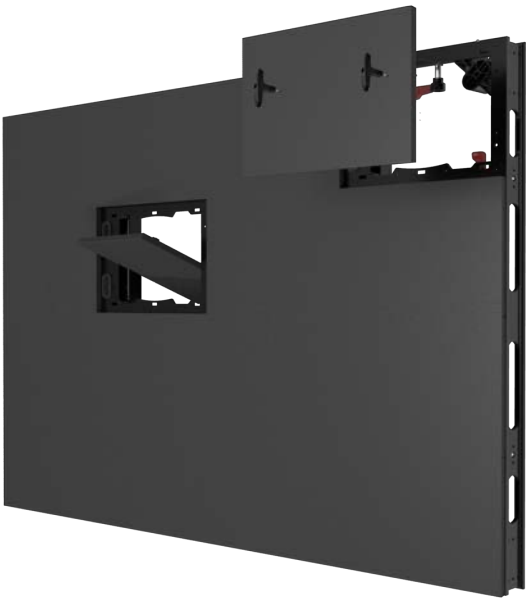
4 - SEAMLESS SPLICING

- Delicate structure
- Seamless splicing
- Perfect flatness

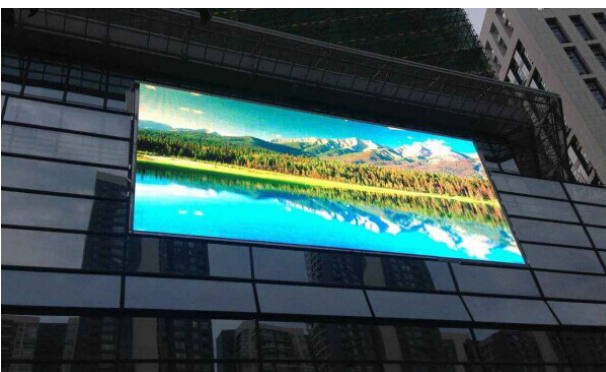


5 - FULL-FRONT AND REAR MAINTENANCE

Meets various outdoor application



PORTFOLIO



PARAMETERS

Pixel Pitch	P3.125	P4.16	P5	P6.25	P8.33	P10
SMD type	SMD1415	SMD1921	SMD1921	SMD2727	SMD2727	SMD2727
Pixel density (dots/m ²)	102400	57600	40000	25600	14400	10000
Module resolution	128 x 96	96 x 72	80 x 60	64 x 48	48 x 36	40 x 30
Module size (mm)	400 x 300	400 x 300	400 x 300	400 x 300	400 x 300	400 x 300
Panel size (W x H x D/mm)	800 x 900 / 800 x 1200					
Panel resolution	256 x 288 256 x 384	192 x 216 192 x 288	160 x 180 160 x 240	128 x 144 128 x 192	96 x 108 96 x 44	80 x 90 80 x 120
Module QTY (W x H)	2 x 3 / 2 x 4					
Weight (kg)	17.5 / 22.5					
Maintenance mode	Front & Rear					
Cabinet material	Aluminum Box					
Drive mode	1/16 scan	1/6 scan	1/6 scan	1/6 scan	1/3 scan	1/3 scan
Brightness (Nits)	5500	6500	6500	6500	6500	6500
Color temperature	5000 - 12000 Optional					
Viewing angle (V/H)	140°/160°					
Contrast ratio	10000 : 1					
Frame Rate	50 / 60					
Grey Level	16 Bit					
Refresh rate (Hz)	3840					
Max. power consumption	780w/sqm					
Avg. power consumption	200-300w/sqm					
Protection grade	IP 65					
Input Power	AC90-264V, 47-63Hz					
Working Temp/Humidity	-20~60℃ / 10%~85%					
Storage Temp/Humidity	-20~60℃ / 10%~85%					
Cert.	CCC / CE / RoHS / FCC / CB / TUV / BIS					

SportWall series



FEATURES



Eco & Eye Care



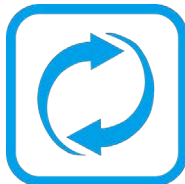
High brightness



Ultra thin



Easy maintenance



High Refresh



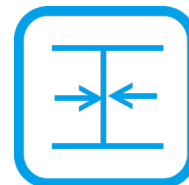
Stadium Banner



Wide viewing angle



Superior protection



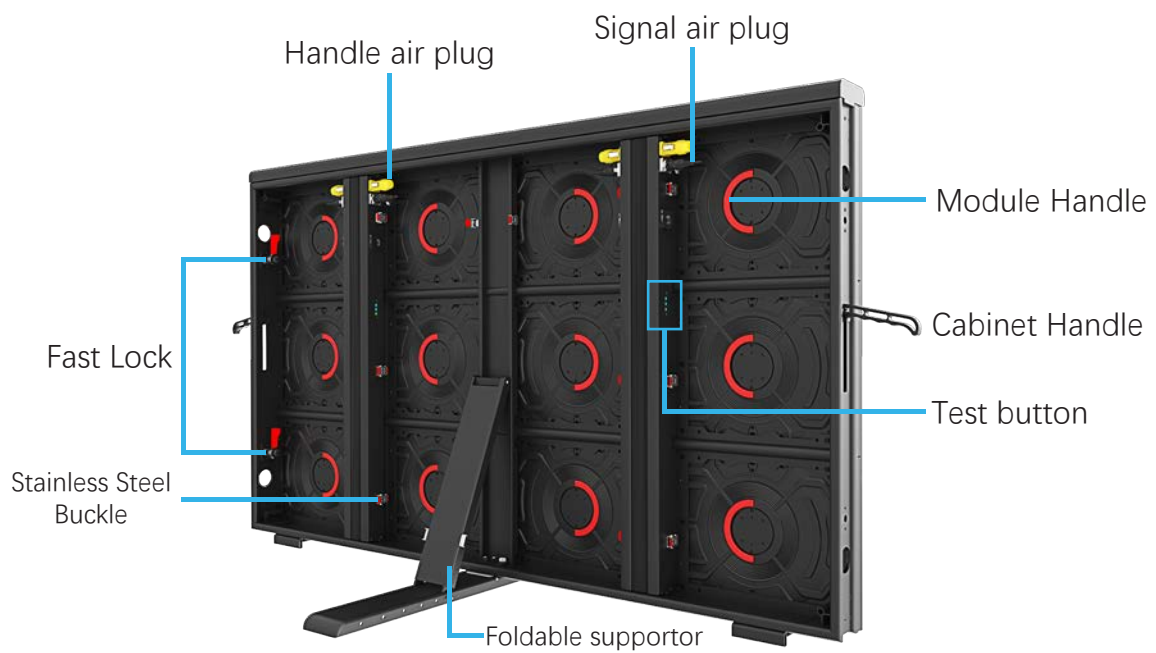
Seamless splicing

1 - DIMENSIONS&WEIGHT

IP65 Waterproof for both front and back side



2 - DETAILS SHOW



3 - CUSTOMIZED DESIGN

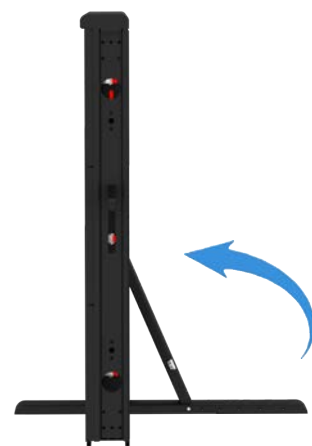


4 - ADJUSTABLE ANGLE

Both front and back maintenance meets different site application.



Screen angel can be adjusted in 90°、95°、100°、105°、110°、115°



The stand can be folded and hidden

5 - HIGH IMAGE QUALITY

Boasting a high brightness of 6000-6500 cd/m² and a high refresh rate, it delivers stable dynamic display effects and a more comfortable visual experience.

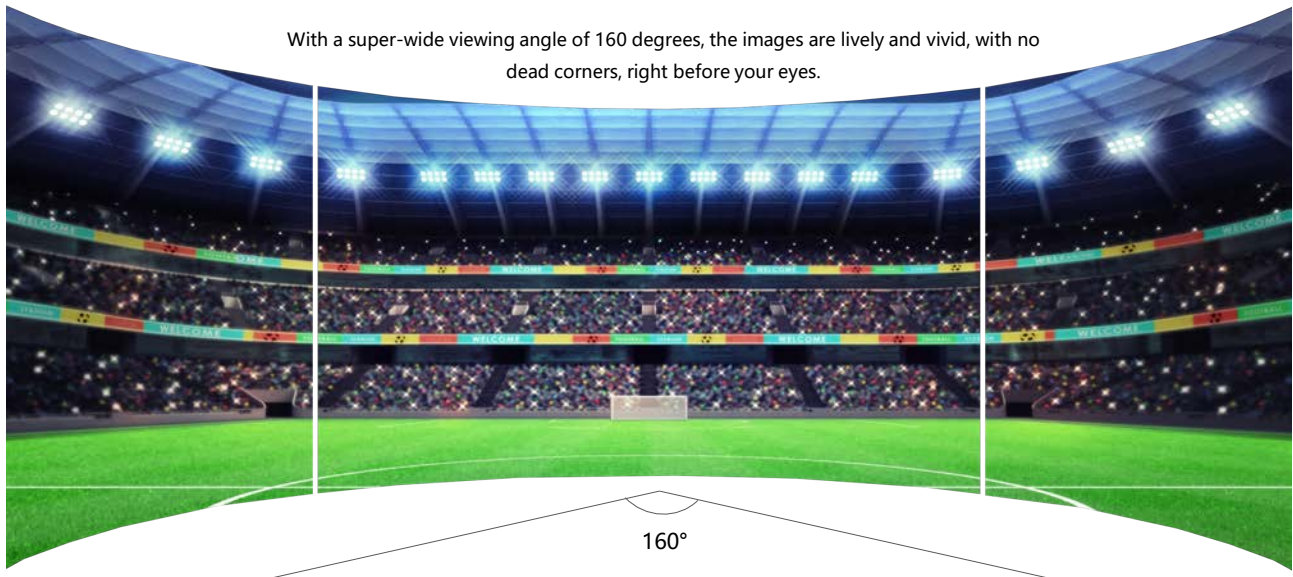


6 - HIGH PROTECTION

With an IP65 high protection rating, it's waterproof, dustproof, UV-resistant, and anti-interference, ensuring uninterrupted use in any harsh outdoor environment.



7 - 160°SUPER WIDE VIEWING ANGLE



8 - FACTORY SHOW



SMT machine



Workshop



Aging test



Packed



Package



Process packing

PORTFOLIO



PARAMETER

Pixel Pitch	P6.25	P8.33	P10
SMD type	SMD2727	SMD2727	SMD2727
Pixel density (dots/m ²)	25600	14400	10000
Module resolution	64 x 48	48 x 36	40 x 30
Module size (mm)	400 x 300	400 x 300	400 x 300
Panel size (W x H x D/mm)	1600X940X98	1600X940X98	1600X940X98
Panel resolution	256 x 144	192 x 108	160 x 90
Module QTY (W x H)	4 x 3	4 x 3	4 x 3
Pannel weight (kg)	35	35	35
Maintenance mode	Front / Rear	Front / Rear	Front / Rear
Cabinet material	Aluminum	Aluminum	Aluminum
Drive mode	1/6 scan	1/3 scan	1/2 scan
Brightness (Nits)	6500	6500	6500
Color temperature	5000-12000 Optional	5000-12000 Optional	5000-12000 Optional
Viewing angle (V/H)	140°/160°	140°/160°	140°/160°
Viewing distance	6-200m	8-200m	10-200m
Contrast ratio	10000 : 1	10000 : 1	10000 : 1
Frame Rate	50 / 60	50 / 60	50 / 60
Grey Level	16 bit	16 bit	16 bit
Refresh rate (Hz)	3840	3840	3840
Max. power consumption	680	680	680
Avg. power consumption	120-200	120-200	120-200
Protection grade	IP65	IP65	IP65
Input Power	AC90-264V,47-63Hz		
Working Temp/Humidity	-20~60℃ /10%~85%		
Storage Temp/Humidity	-20~60℃ /10%~85%		
Cert.	CCC/CE/RoHS/FCC/CB/TUV/IEC		



Indoor - S1 Series

P0.9375 / P1.25 / P1.56 / P1.875 / P2.5

Premier LED Displays from a Top Chinese Manufacturer

Xinglu Technology (Hebei) Co., Ltd.

HIGHLIGHTS



Perfect Display



Wide color gamut



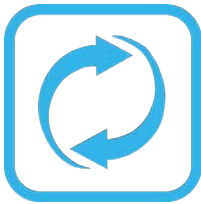
Ultra thin



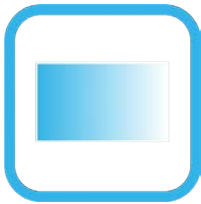
Dual System



Front Access



High Refresh



High Gray



Silent Mode



Wide View

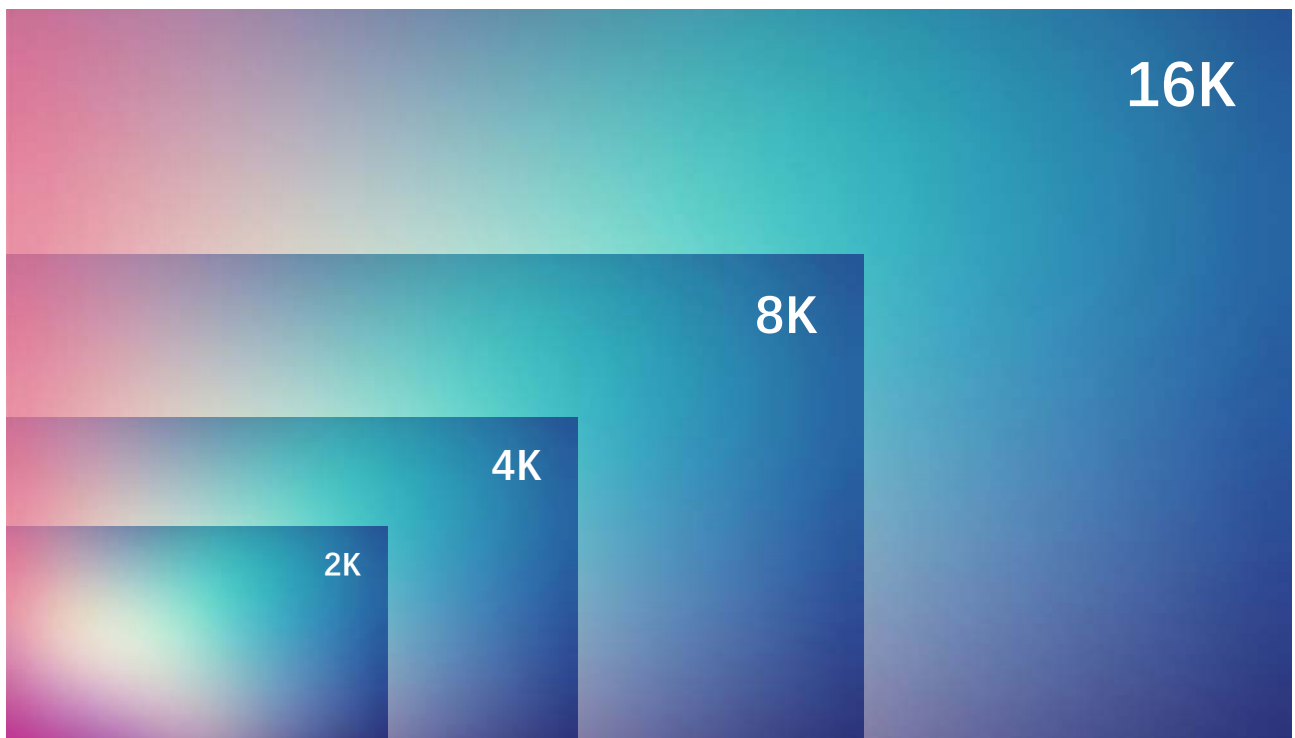


FEATURES — WIDE COLOR GAMUT + HDR

With high color coverage and precise reproduction of natural colors, the display delivers more realistic images. HDR technology enhances high dynamic range imaging, revealing more details and achieving higher peak brightness.



Seamless cabinet splicing enables the creation of 2K, 4K, 8K, and 16K ultra-high-definition LED screens.



FEATURES — HIGH REFRESH RATE



High refresh rate

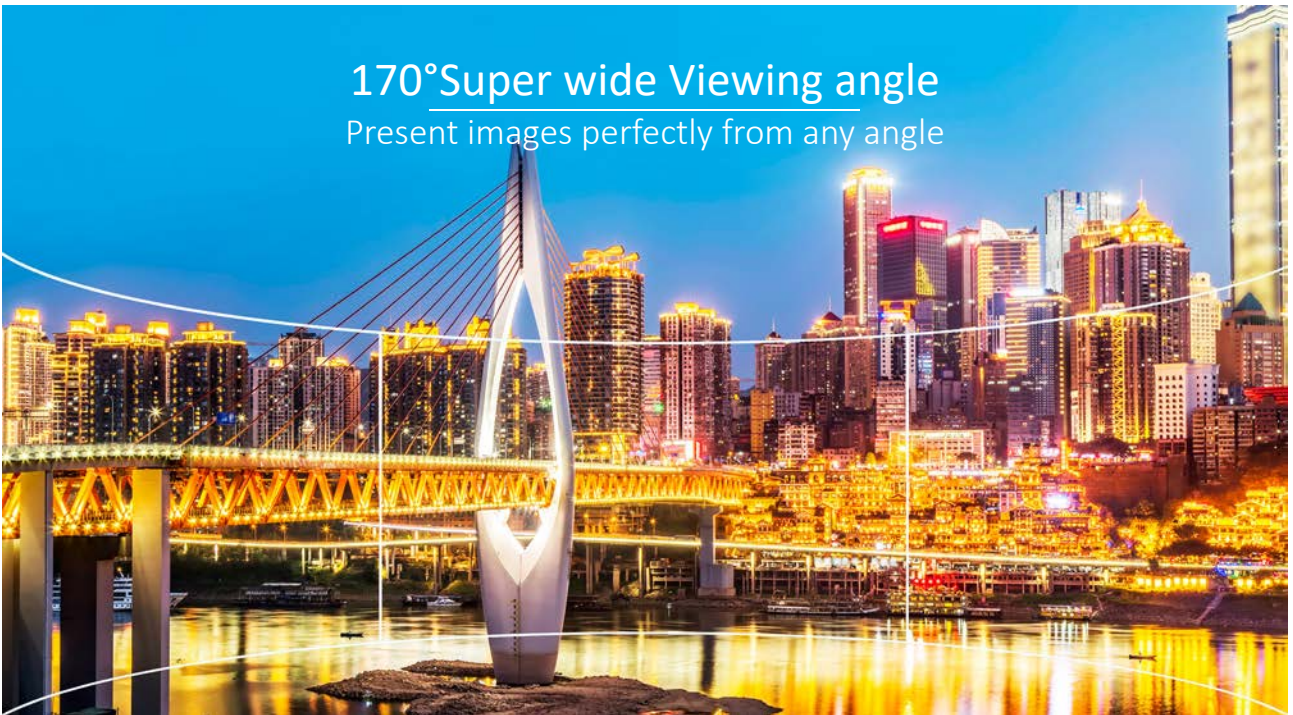


Low refresh rate

FEATURES — HIGH GREY SCALE

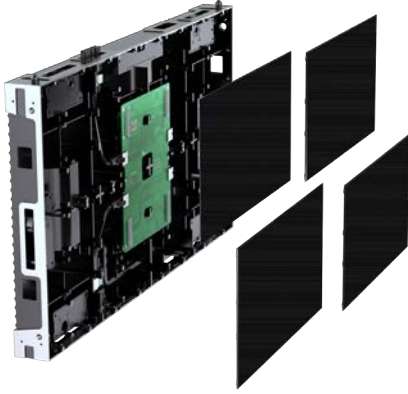


170°Super wide Viewing angle
Present images perfectly from any angle



FEATURES

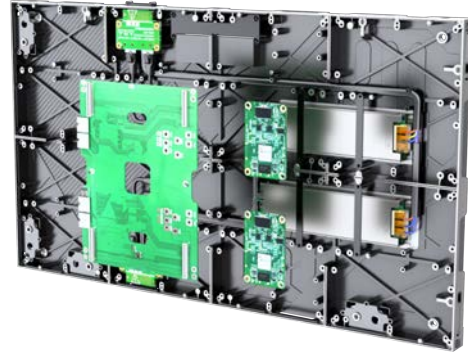
FRONT MAINTENANCE



Can be applied to different installation environments.

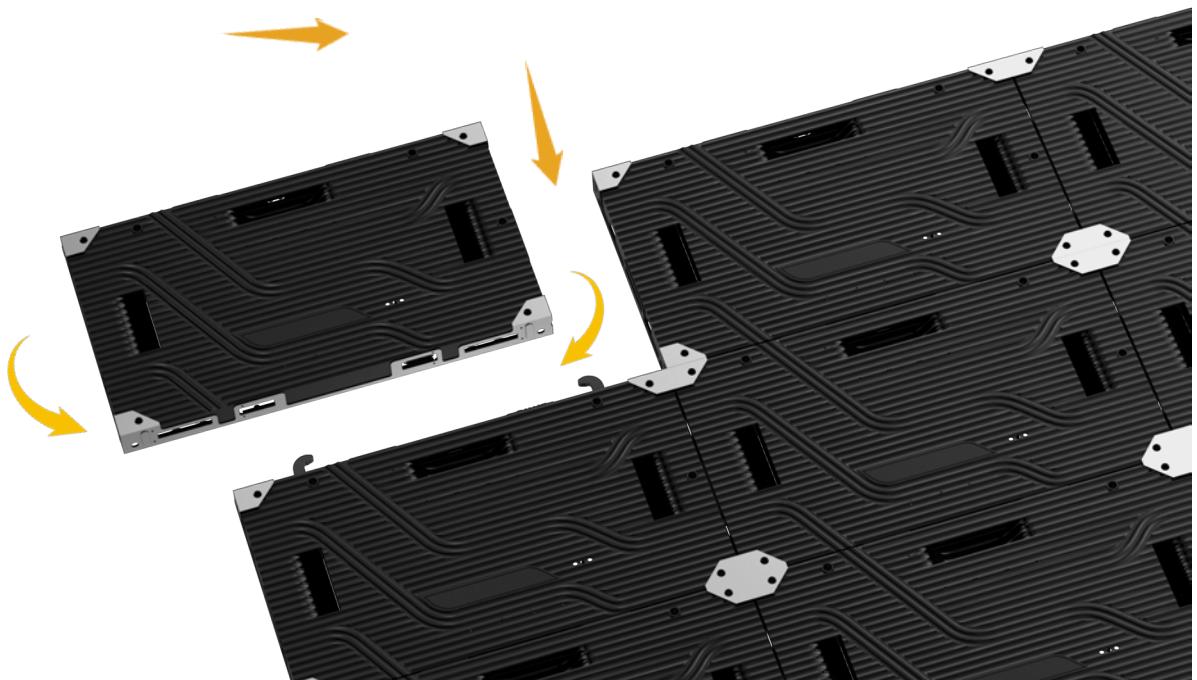
FEATURES

DUAL CARD DUAL POWER



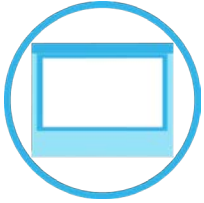
Configurable dual backup system to ensure uninterrupted power supply.
No signal loss, more stable and reliable.

FEATURES — SEAMLESS SPLICING



Die-cast aluminum cabinet structure with CNC high-precision processing, ensuring cabinet flatness of $\leq 0.1\text{mm}$.

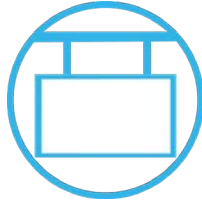
INSTALLATION MODE



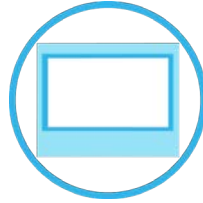
Wall-mounted



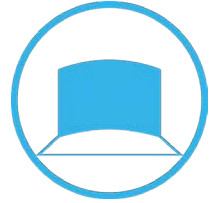
Floor-standing



Suspended

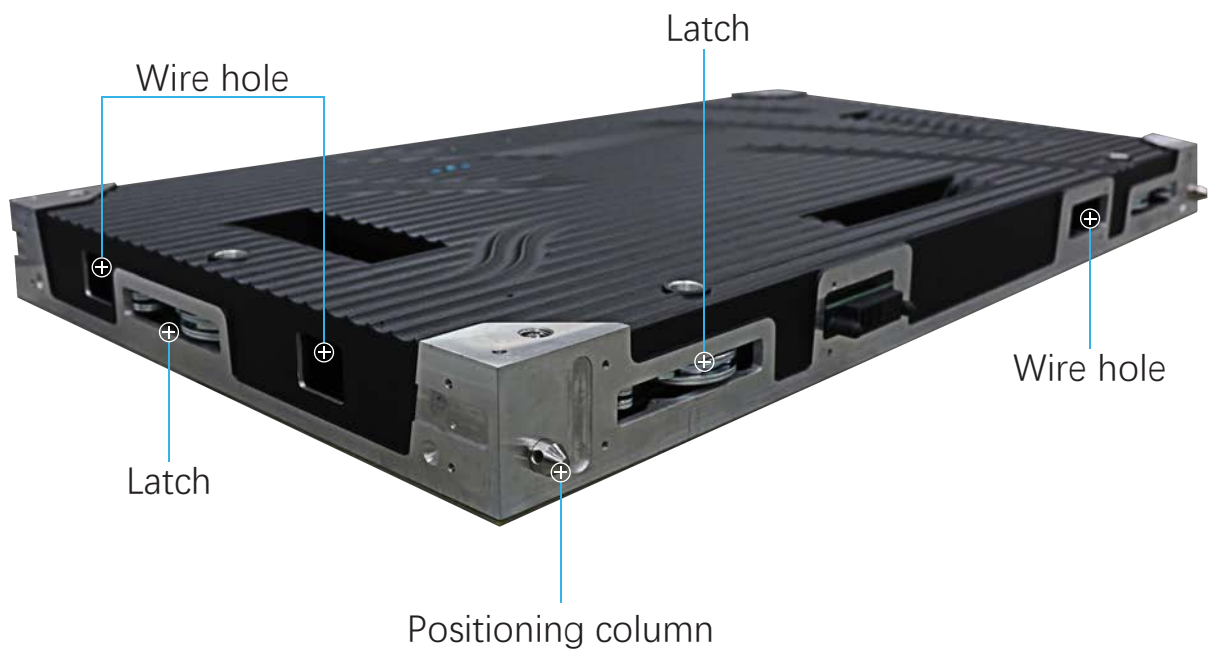
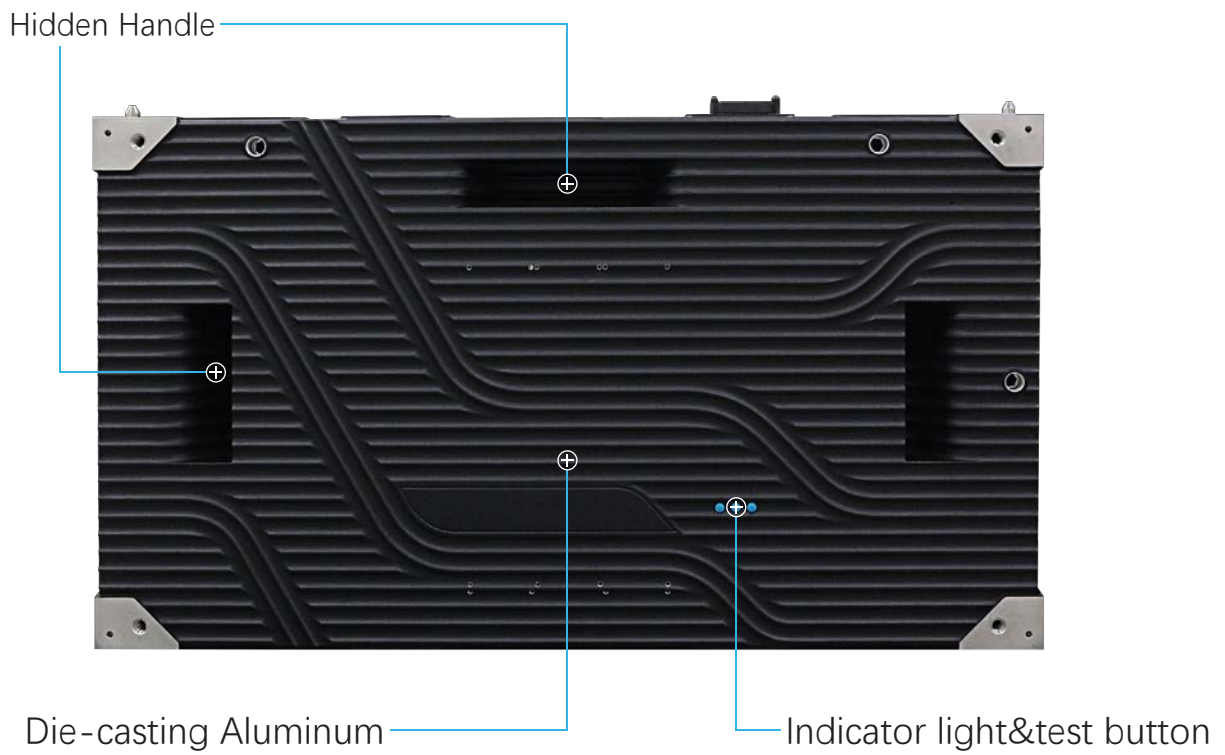


Embedded



Curved installation





PRODUCT PARAMETER

Pixel Pitch	P0.9375	P1.25	P1.56	P1.875	P2.5
LED type	Mini4-in-1	SMD1010	SMD1010/1212	SMD1010/1515	SMD1515
Pixel density (dot/m ²)	1137778	640000	409600	284444	160000
Module resolution	320 x 180	240 x 135	192 x 108	160 x 90	60 x 135
Module size (mm)	300 x 168.75	300 x 168.75	300 x 168.75	300 x 168.75	150 x 337.5
Panel size (W x H x D/mm)	600 x 337.5 x 48				
Panel resolution	640 x 360	480 x 270	384 x 216	320 x 180	240 x 135
Module QTY (W x H)	2 x 2	2 x 2	2 x 2	2 x 2	4 x 1
Cabinet weight	7 kg	7 kg	7 kg	7 kg	7 kg
Drive mode	1/60 scan	1/45 scan	1/48 scan	1/45 scan	1/30 scan
Maintenance mode	Front	Front	Front	Front	Front
Cabinet material	Die-casting aluminum				
Brightness correction	Yes				
Brightness (Nits)	≥ 600				
Color temperature	5000 - 12000 Optional				
Viewing angle (V/H)	170° /170°				
Brightness/Color uniformity	≥ 99.8%				
Contrast ratio	10000 : 1				
Frame Rate	50 / 60				
Grey Level	16 Bit				
Refresh rate (Hz)	3840				
Max. power consumption	420w/sqm				
Avg. power consumption	100w/sqm				
Protection grade	IP 31				
Input Power	AC90-264V, 47-63Hz				
Working Temp/Humidity	-20~60°C / 10%~85%				
Storage Temp/Humidity	-20~60°C / 10%~85%				
Cert.	CCC / CE / RoHS / FCC / CB / TUV / IEC				



Indoor - S2 COB Series

P0.625 / P0.78 / P0.9375 / P1.25 / P1.56 / P1.875

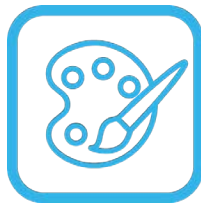
Premier LED Displays from a Top Chinese Manufacturer

Xinglu Technology (Hebei) Co., Ltd.

HIGHLIGHTS



Perfect Display



Wide color gamut



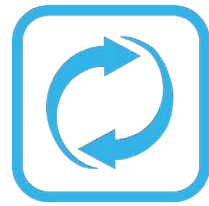
Ultra thin



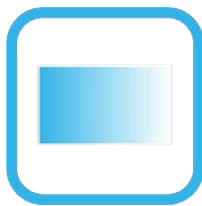
Dual System



Front Access



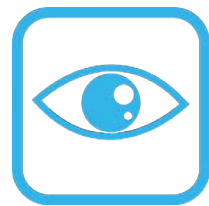
High Refresh



High Gray



Silent Mode



Wide View

FEATURES ——— BETTER VISUAL EFFECTS



COB packaging enhances video optical performance through chip-level integration, resulting in more comfortable and smoother image quality. It minimizes noticeable pixel

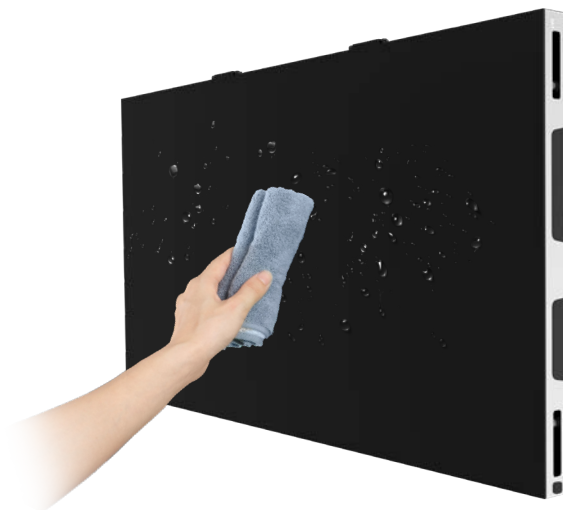


graininess, making it more suitable for 'close-range' viewing and 'indoor ambient light,' thereby achieving superior visual effects.

FEATURES — EXCELLENT PROTECTIVE PERFORMANCE

Due to the small pitch of traditional SMD small-pitch displays, the display units cannot be glued or equipped with a mask, leaving the LEDs exposed. This results in poor waterproofing, dustproofing, and anti-collision capabilities. Even during transportation, the light beads are easily damaged.

The COB integrated packaging technology completely overcomes these challenges, truly achieving waterproof, dustproof, and shock-resistant capabilities.



FEATURES — LIGHTER AND THINNER

Our COB screens are designed to be lighter and thinner, making installation more convenient and reducing transportation costs. This streamlined design not only enhances ease of handling but also contributes to overall efficiency and cost-effectiveness.

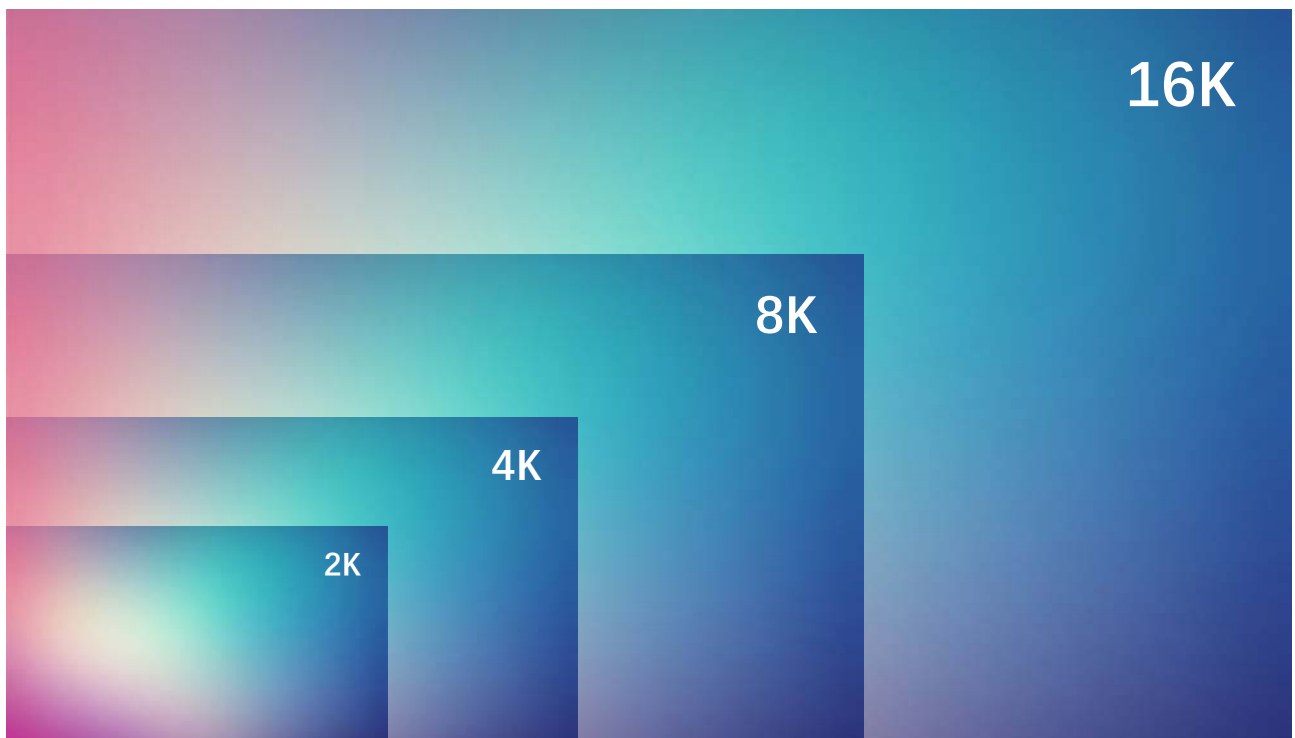


FEATURES — WIDE COLOR GAMUT + HDR

With high color coverage and precise reproduction of natural colors, the display delivers more realistic images. HDR technology enhances high dynamic range imaging, revealing more details and achieving higher peak brightness.



Seamless cabinet splicing enables the creation of 2K, 4K, 8K, and 16K ultra-high-definition LED screens.



FEATURES — HIGH REFRESH RATE

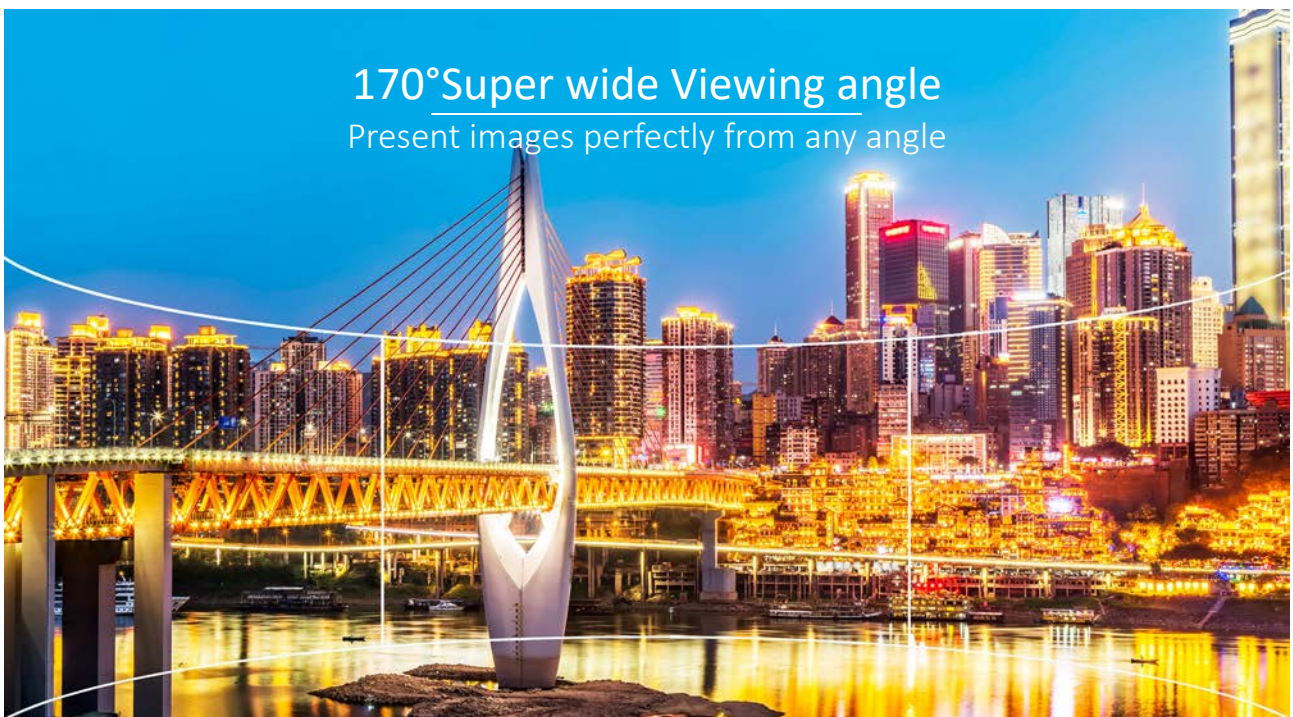


High refresh rate



Low refresh rate

FEATURES — HIGH GREY SCALE



FEATURES

FRONT MAINTENANCE



Can be applied to different installation environments.

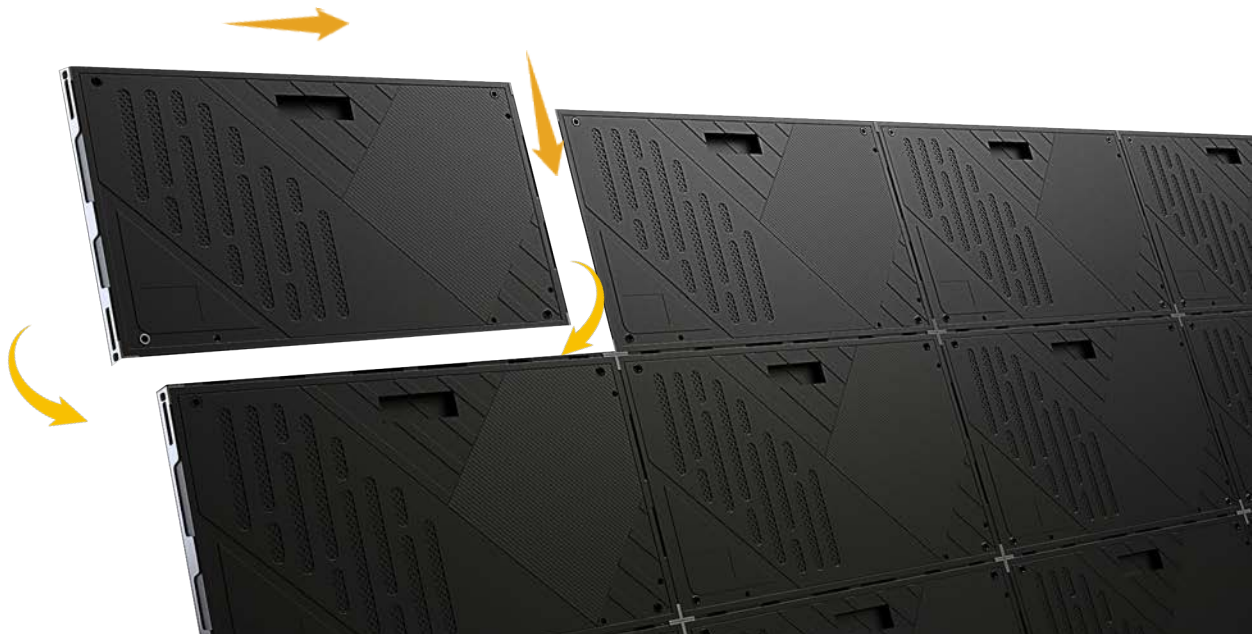
FEATURES

DUAL CARD DUAL POWER



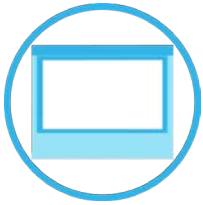
Configurable dual backup system to ensure uninterrupted power supply.
No signal loss, more stable and reliable.

FEATURES — SEAMLESS SPLICING



Die-cast aluminum cabinet structure with CNC high-precision processing, ensuring cabinet flatness of $\leq 0.1\text{mm}$.

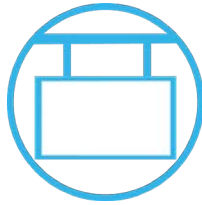
INSTALLATION MODE



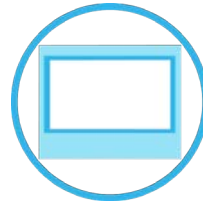
Wall-mounted



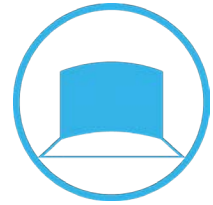
Floor-standing



Suspended



Embedded



Curved installation



PRODUCT PARAMETER

Pixel Pitch	P0.625	P0.78	P0.9375	P1.25	P1.56	P1.875
LED type	COB	COB	COB	COB	COB	COB
Pixel density (dot/m ²)	2560000	1638400	1137778	640000	409600	284444
Module resolution	240 x 270	192 x 216	160 x 180	120 x 135	96 x 108	80 x 90
Module size (mm)	150 x 168.75	150 x 168.75	150 x 168.75	150 x 168.75	150 x 168.75	150 x 168.75
Panel size (W x H x D/mm)	600 x 337.5 x 27.5					
Panel resolution	960 x 540	768 x 432	640 x 360	480 x 270	384 x 216	320 x 180
Module QTY (W x H)	4 x 2	4 x 2	4 x 2	4 x 2	4 x 2	4 x 2
Cabinet weight	4.5 kg	4.5 kg	4.5 kg	4.5 kg	4.5 kg	4.5 kg
Drive mode	1/64 scan	1/64 scan	1/60 scan	1/60 scan	1/54 scan	1/45 scan
Maintenance mode	Front	Front	Front	Front	Front	Front
Cabinet material	Die-casting aluminum					
Brightness correction	Yes					
Brightness (Nits)	≥ 600					
Color temperature	5000 - 12000 Optional					
Viewing angle (V/H)	170° /170°					
Brightness/Color uniformity	≥ 99.8%					
Contrast ratio	10000 : 1					
Frame Rate	50 / 60					
Grey Level	16 Bit					
Refresh rate (Hz)	3840					
Max. power consumption	420w/sqm					
Avg. power consumption	80-150w/sqm					
Protection grade	IP 31					
Input Power	AC90-264V, 47-63Hz					
Working Temp/Humidity	-20~60°C / 10%~85%					
Storage Temp/Humidity	-20~60°C / 10%~85%					
Cert.	CCC / CE / RoHS / FCC / CB / TUV / IEC					



Indoor - S2 SMD Series

P1.25 / P1.56 / P1.875 / P2.5

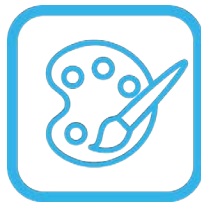
Premier LED Displays from a Top Chinese Manufacturer

Xinglu Technology (Hebei) Co., Ltd.

HIGHLIGHTS



Perfect Display



Wide color gamut



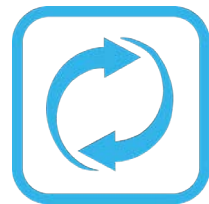
Ultra thin



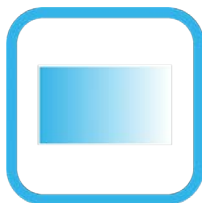
Dual System



Front Access



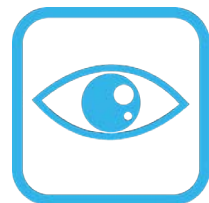
High Refresh



High Gray



Silent Mode



Wide View

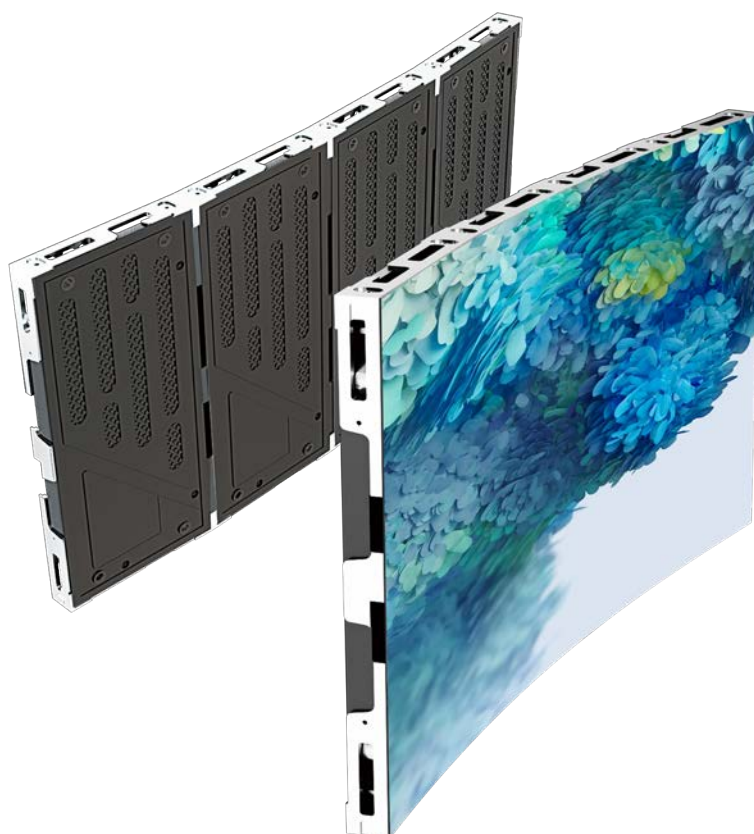
FEATURES — LIGHTER AND THINNER

Our screens are designed to be lighter and thinner, making installation more convenient and reducing transportation costs. This streamlined design not only enhances ease of handling but also contributes to overall efficiency and cost-effectiveness.



PRODUCT PARAMETER

Pixel Pitch	P1.25	P1.56	P1.875	P2.5
LED type	SMD1010/GOB	SMD1010/1212/GOB	SMD1010/1515/GOB	SMD1515/GOB
Pixel density (dot/m ²)	640000	409600	284444	160000
Module resolution	240 x 135	192 x 108	160 x 90	60 x 135
Module size (mm)	300 x 168.75	300 x 168.75	300 x 168.75	150 x 337.5
Panel size (W x H x D/mm)	600 x 337.5 x 27.5			
Panel resolution	480 x 270	384 x 216	320 x 180	240 x 135
Module QTY (W x H)	2 x 2	2 x 2	2 x 2	4 x 1
Cabinet weight	4.5 kg	4.5 kg	4.5 kg	4.5 kg
Drive mode	1/45 scan	1/48 scan	1/45 scan	1/30 scan
Maintenance mode	Front	Front	Front	Front
Cabinet material	Die-casting aluminum			
Brightness correction	Yes			
Brightness (Nits)	≥ 600			
Color temperature	5000 - 12000 Optional			
Viewing angle (V/H)	170° /170°			
Brightness/Color uniformity	≥ 99.8%			
Contrast ratio	10000 : 1			
Frame Rate	50 / 60			
Grey Level	16 Bit			
Refresh rate (Hz)	3840			
Max. power consumption	350w/sqm			
Avg. power consumption	100w/sqm			
Protection grade	IP 31			
Input Power	AC90-264V, 47-63Hz			
Working Temp/Humidity	-20~60°C / 10%~85%			
Storage Temp/Humidity	-20~60°C / 10%~85%			
Cert.	CCC / CE / RoHS / FCC / CB / TUV / IEC			



Indoor - S2 CURVE Series

P0.78 / P0.9375 / P1.25 / P1.56 / P1.875 / P2.5

Premier LED Displays from a Top Chinese Manufacturer

Xinglu Technology (Hebei) Co., Ltd.

HIGHLIGHTS



Perfect Display



Wide color gamut



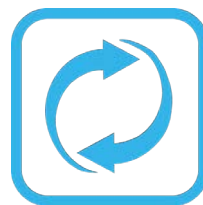
Ultra thin



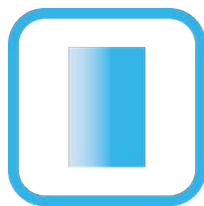
Dual System



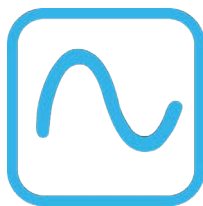
Front Access



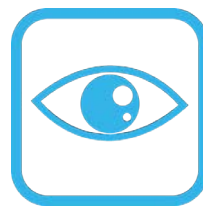
High Refresh



Small body



DIY shape

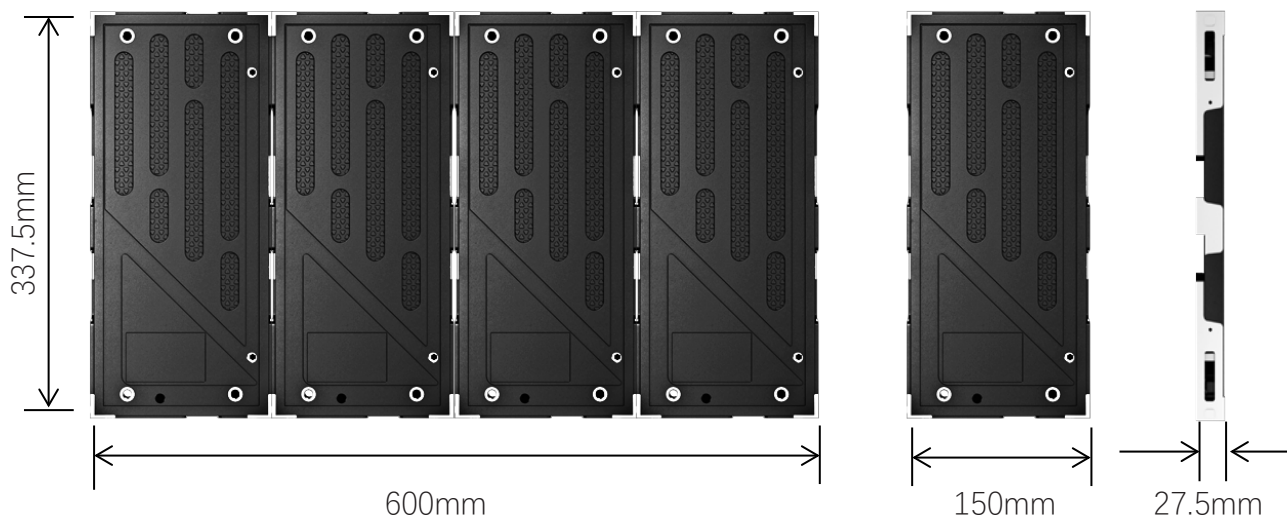


Wide View

FEATURES — MULTIFUNCTION

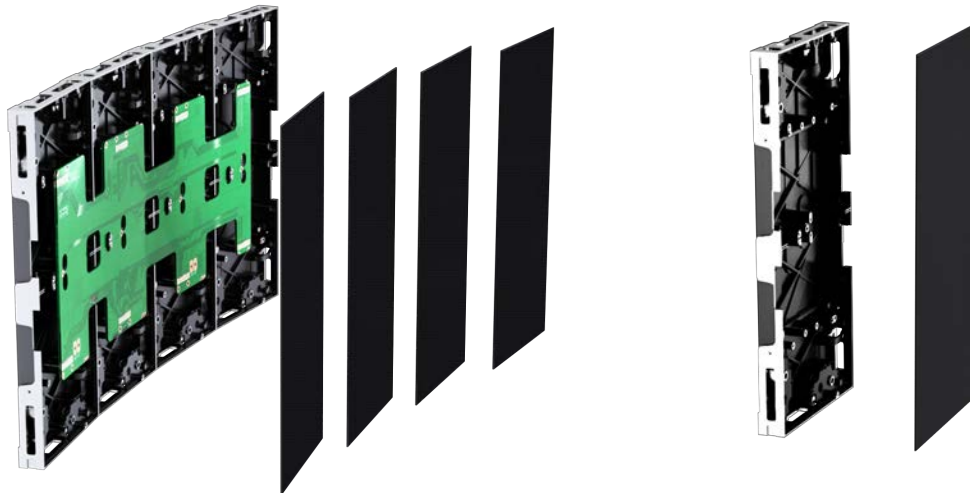
150mm small cabinet, can be customized.

4pcs 150mm cabinets can be combined to be a 600mm cabinet.



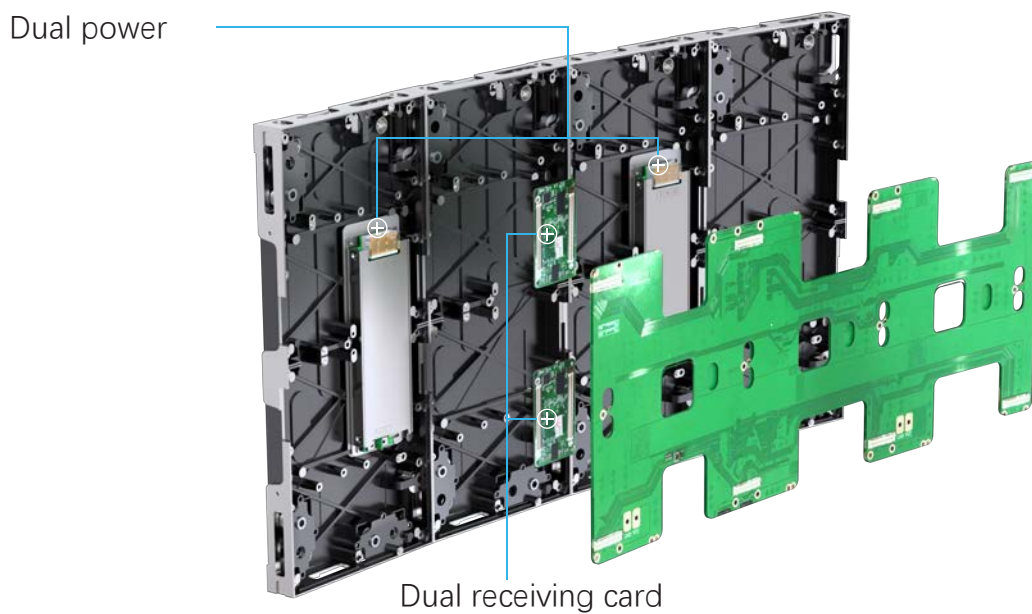
FEATURES — EASY MAINTENANCE

The X3-curve series and 150mm small cabinet support full front maintenance, making them easy to install and maintain.

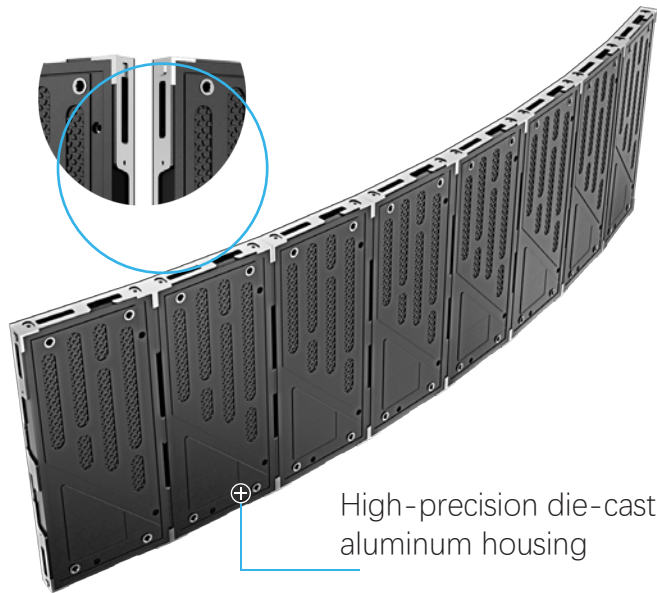


FEATURES — BACK UP SYSTEM

The power supply remains uninterrupted and the signal is maintained, ensuring greater stability and reliability.

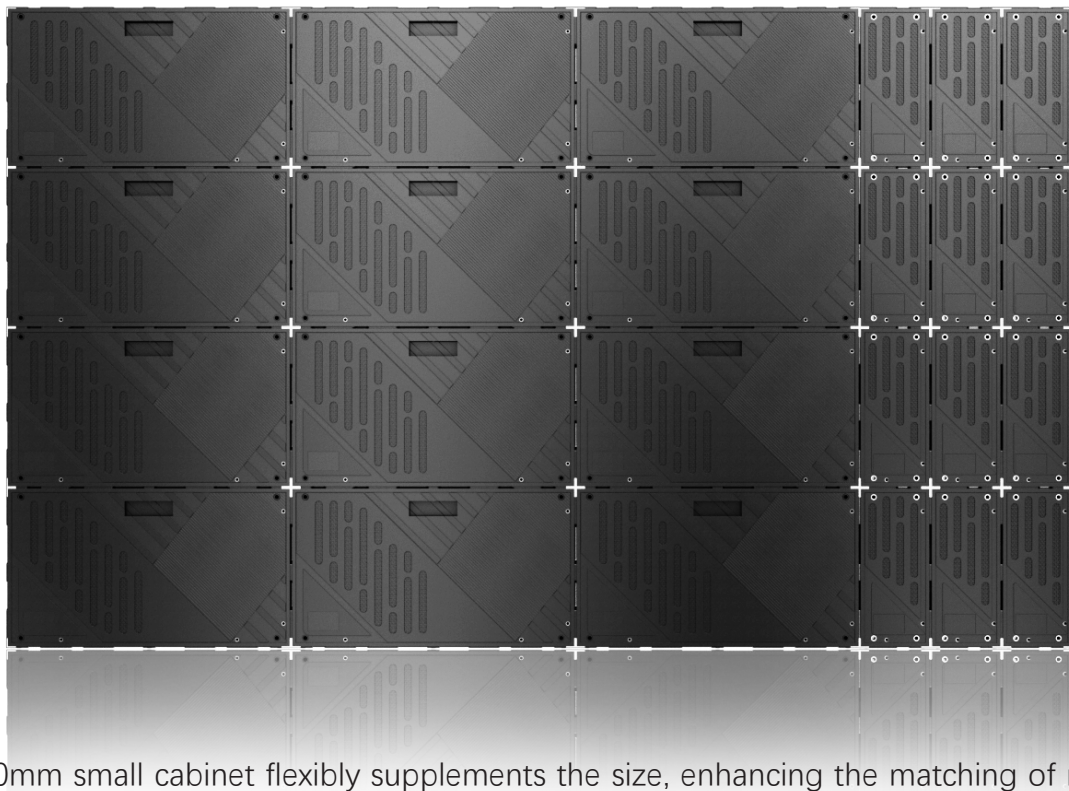


FEATURES — SEAMLESS SPLICING



By adopting a CNC high-precision die-cast aluminum casing and a hard link design, along with an anti-collision concave and convex platform, we achieve a multi-dimensional improvement in screen flatness.

FEATURES — FLAT SCREEN



The 150mm small cabinet flexibly supplements the size, enhancing the matching of required dimensions.

PRODUCT PARAMETER

Pixel Pitch	P0.78	P0.9375	P1.25	P1.56	P1.875	P2.5
LED type	Mini 4-in-1	COB	SMD1010	SMD1010/1212	SMD1010/1515	SMD1515/GOB
Pixel density (dot/m ²)	1638400	1137778	640000	409600	284444	160000
Module resolution	192 x 216	160 x 180	240 x 135	190 x 108	160 x 90	60 x 135
Module size (mm)	150 x 168.75	150 x 168.75	150 x 337.5	150 x 337.5	150 x 337.5	150 x 337.5
Panel size (W x H x D/mm)	600 x 337.5 x 27.5					
Panel resolution	768 x 432	640 x 360	480 x 270	384 x 216	320 x 180	240 x 135
Module QTY (W x H)	4 x 2	4 x 2	4 x 1	4 x 1	4 x 1	4 x 1
Cabinet weight	4.5 kg	4.5 kg	4.5 kg	4.5 kg	4.5 kg	4.5 kg
Drive mode	1/64 scan	1/60 scan	1/45 scan	1/48 scan	1/45 scan	1/30 scan
Maintenance mode	Front	Front	Front	Front	Front	Front
Cabinet material	Die-casting aluminum					
Brightness correction	Yes					
Brightness (Nits)	≥ 600					
Color temperature	5000 - 12000 Optional					
Viewing angle (V/H)	170° /170°					
Brightness/Color uniformity	≥ 99.8%					
Contrast ratio	10000 : 1					
Frame Rate	50 / 60					
Grey Level	16 Bit					
Refresh rate (Hz)	3840					
Max. power consumption	350w/sqm					
Avg. power consumption	100w/sqm					
Protection grade	IP 31					
Input Power	AC90-264V, 47-63Hz					
Working Temp/Humidity	-20~60°C / 10%~85%					
Storage Temp/Humidity	-20~60°C / 10%~85%					
Cert.	CCC / CE / RoHS / FCC / CB / TUV / IEC					



Indoor - S3 Series

P1.25 / P1.5625 / P1.95 / P2.5 / P2.604 / P2.976 / P3.91

Premier LED Displays from a Top Chinese Manufacturer

Xinglu Technology (Hebei) Co., Ltd.

HIGHLIGHTS



Ultra high definition



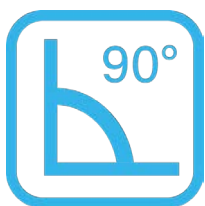
Flexible assembly



Ultra thin



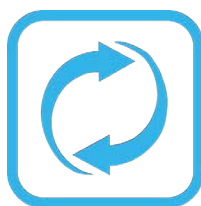
Quick install



Right angle splicing



Front Access



High Refresh



hard connection

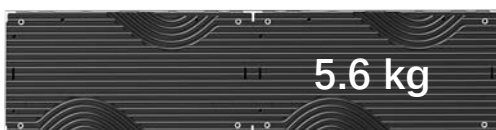
500X250X33mm



750X250X33mm



1000X250X33mm

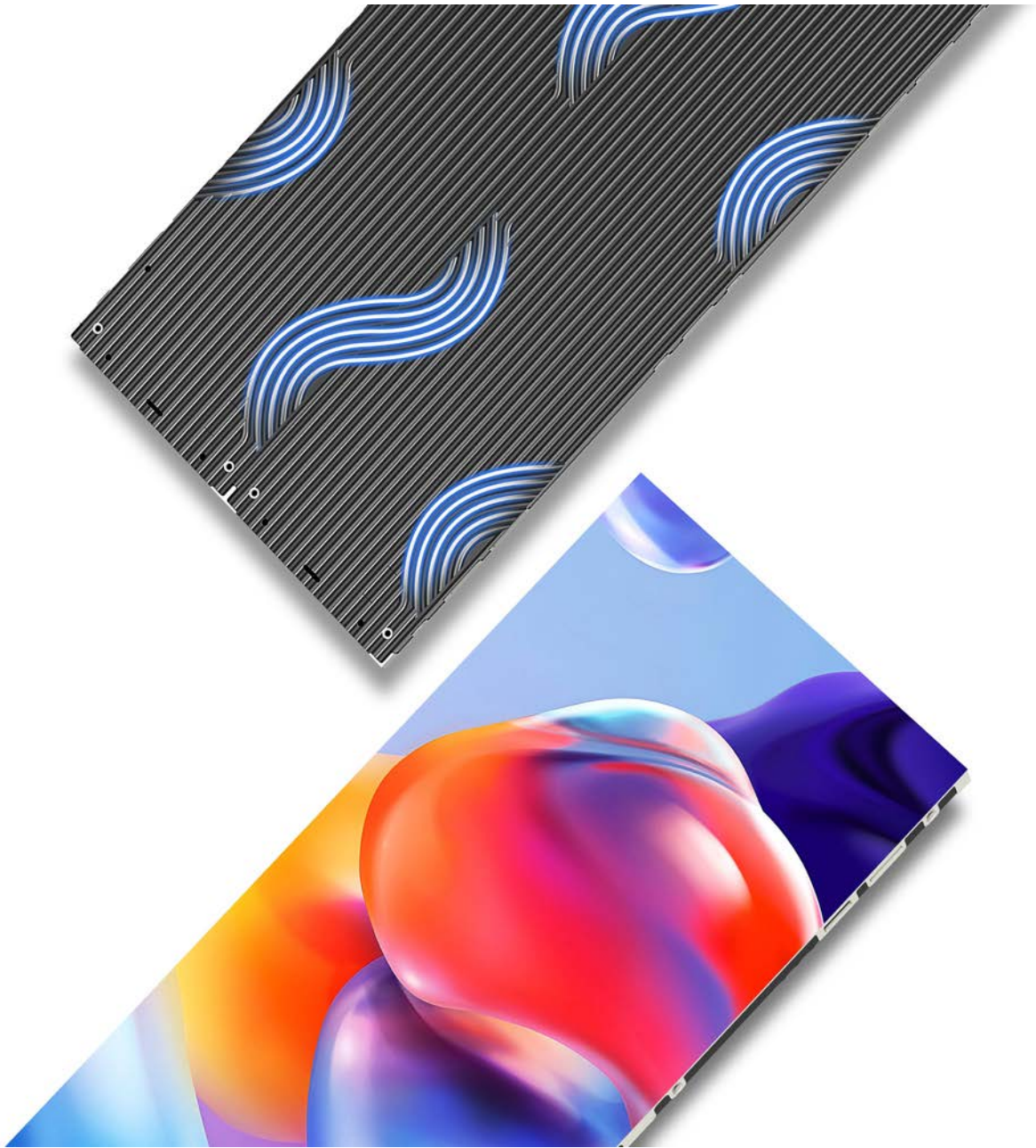


1000X500X33mm



The die-cast aluminum box is integrally formed with high precision and a thickness of only 33mm.

Elegant Appearance

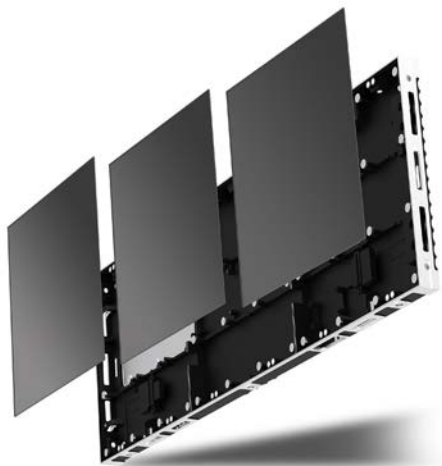


The design incorporates a semicircle, symbolizing infinite possibilities, as a key visual element. When N units are connected, they form numerous S shapes, showcasing not only a stable and smooth aesthetic but also imbuing the product with a sense of technology and futurism.

Through this innovative design concept, Roleheller conveys its unwavering commitment to exploration in the display field and its dedication to demonstrating exceptional quality to its customers.

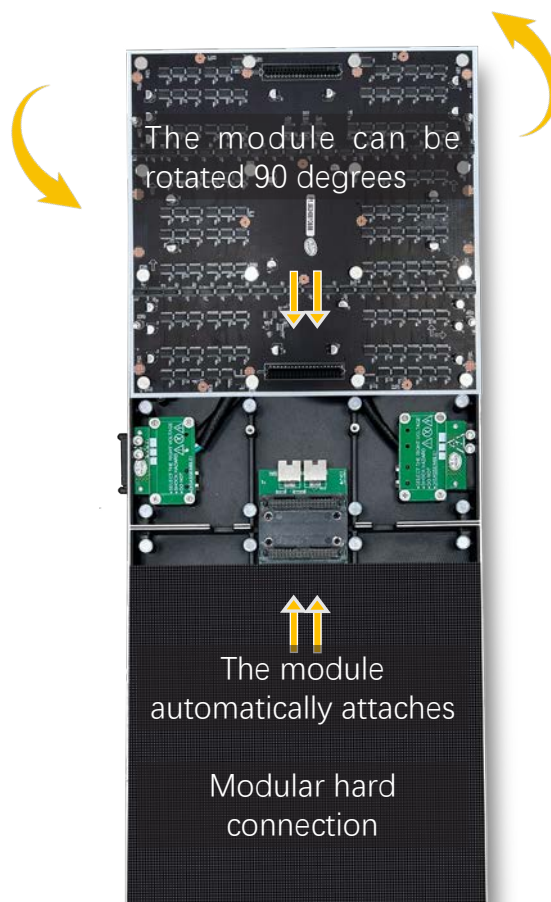
FEATURES

FRONT INSTALLATION&MAINTENANCE

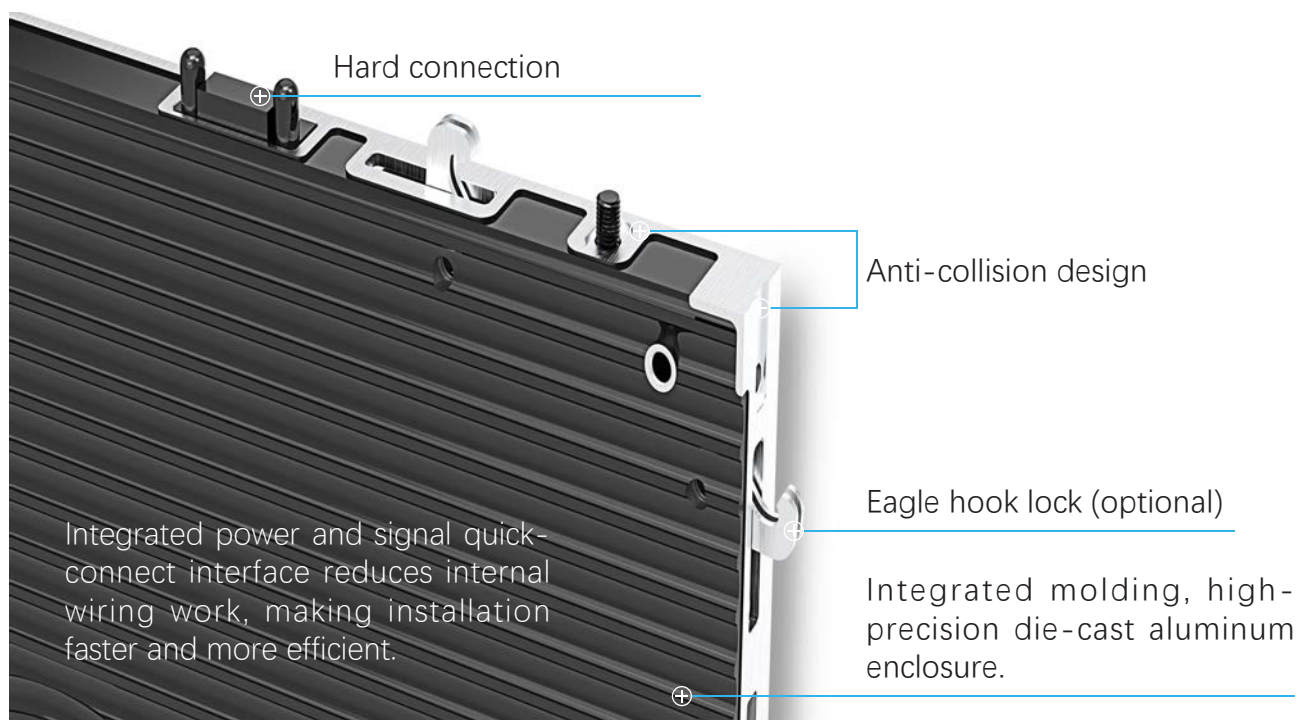


FEATURES

HARD CONNECTION



SHOW DETAILS

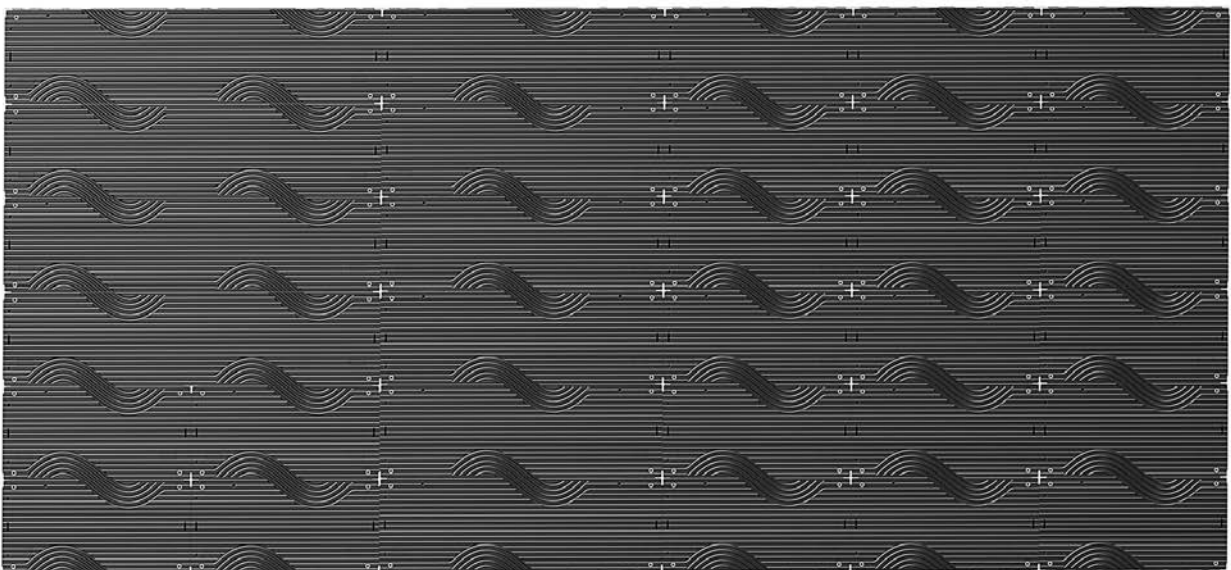


FREELY COMBINE AND FLEXIBLY DISPLAY



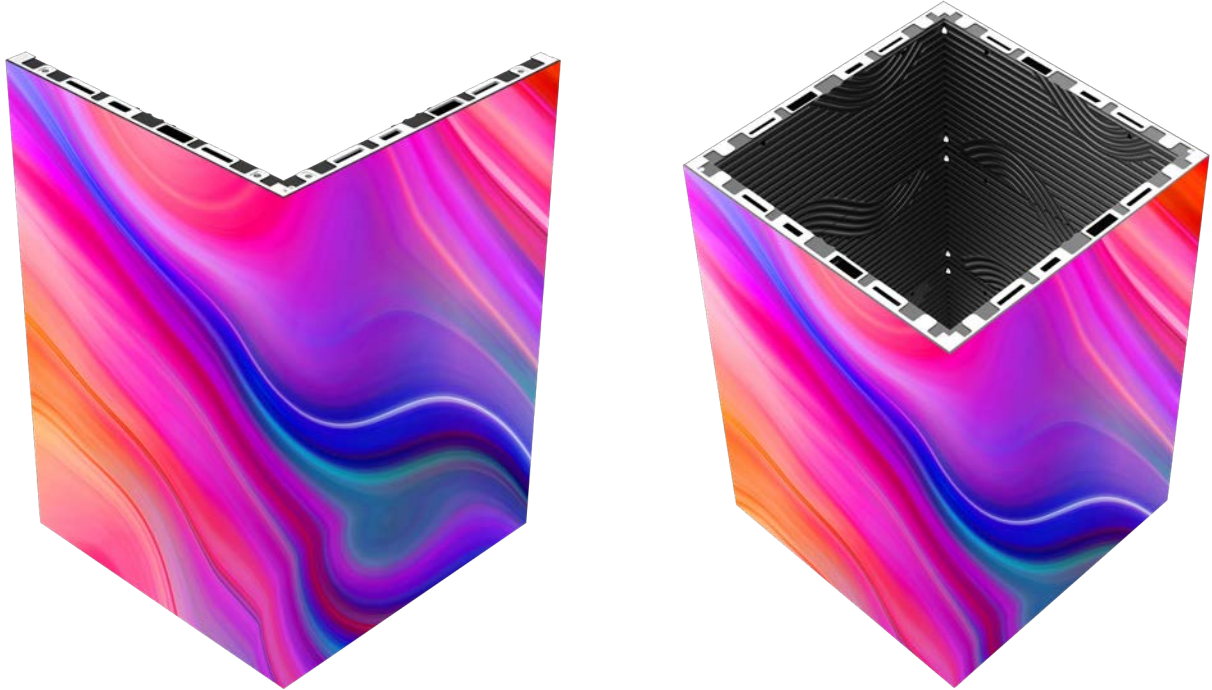
1000X500mm, 1000X250mm, 750X250mm, 500X250mm

The four types of cabinets can be flexibly combined both horizontally and vertically, offering limitless possibilities for your creative ideas and applications in any setting.



CREATIVE COMBINATIONS, LIMITLESS IMAGINATION

Supports right-angle, columnar, and other shapes to meet various creative combination needs.



INSTALLATION METHOD

It supports multiple installation methods such as hoisting, wall mounting and column mounting, and is suitable for more scenarios.



Hoisting

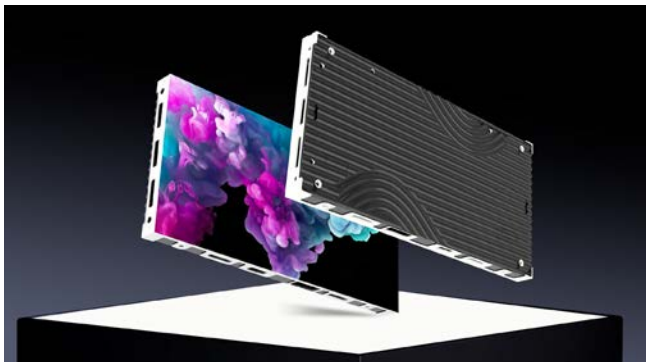


Wall mounting



**column
mounting**

PRODUCT DISPLAY



500 X 250mm



750 X 250mm



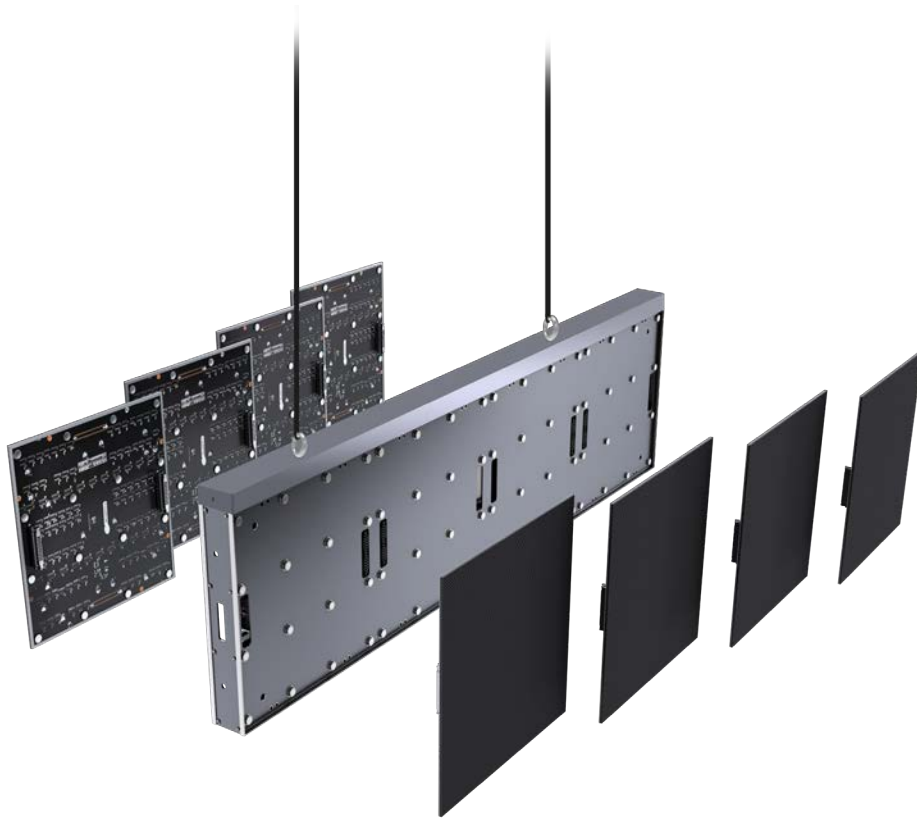
1000 X 250mm

1000 X 500mm



PRODUCT PARAMETER

Pixel Pitch	P1.25	P1.5625	P1.95	P2.5	P2.604	P2.976	P3.91
LED type	SMD1010 GOB	SMD1212 GOB	SMD1515 GOB	SMD1515	SMD1515	SMD1515	SMD2020
Pixel density (dot/m ²)	640000	409600	262144	160000	147456	112896	65536
Module resolution	200 x 200	160 x 160	128 x 128	100 x 100	96 x 96	84 x 84	64 x 64
Module size (mm)	250 x 250	250 x 250	250 x 250	250 x 250	250 x 250	250 x 250	250 x 250
Panel size (W x H x D/mm)	1000x500x33 / 1000x250x33 / 750x250x33 / 500x250x33						
Panel resolution	800 x 400	640 x 320	512 x 256	400 x 200	384 x 192	336 x 168	256 x 128
	800 x 200	640 x 160	512 x 128	400 x 100	384 x 96	336 x 84	256 x 64
	600 x 200	480 x 160	384 x 128	300 x 100	384 x 96	252 x 84	192 x 64
	400 x 200	320 x 160	256 x 128	200 x 100	192 x 96	168 x 84	128 x 64
Module QTY (W x H)	4 x 2/ 4 x 1/ 3 x 1/ 2 x 1						
Maintenance mode	Front	Front	Front	Front	Front	Front	Front
Cabinet material	Die-casting aluminum						
Drive mode	1/50 scan	1/40 scan	1/32 scan	1/25 scan	1/32 scan	1/28 scan	1/16 scan
Brightness correction	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Brightness (Nits)	600	600	800	800	800	800	800
Color temperature	5000 - 12000 Optional						
Viewing angle (V/H)	160° /160°						
Brightness/Color uniformity	≥ 97%						
Contrast ratio	10000 : 1						
Frame Rate	50 / 60						
Grey Level	14/ 16 Bit Optional						
Refresh rate (Hz)	3840						
Max. power consumption	350w/sqm						
Avg. power consumption	100-200w/sqm						
Protection grade	IP 31						
Input Power	AC90-264V, 47-63Hz						
Working Temp/Humidity	-20~60°C / 10%~85%						
Storage Temp/Humidity	-20~60°C / 10%~85%						
Cert.	CCC / CE / RoHS / FCC / CB / TUV / IEC						



Indoor - S3D Series

P1.25 / P1.5625 / P1.95 / P2.5 / P2.604 / P2.976 / P3.91

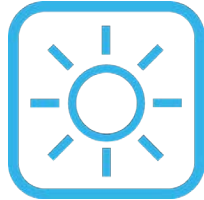
Premier LED Displays from a Top Chinese Manufacturer

Xinglu Technology (Hebei) Co., Ltd.

HIGHLIGHTS



Double-sided display



High brightness



Ultra thin



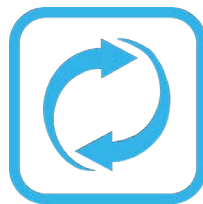
Quick install



Wide viewing angle



Front Access

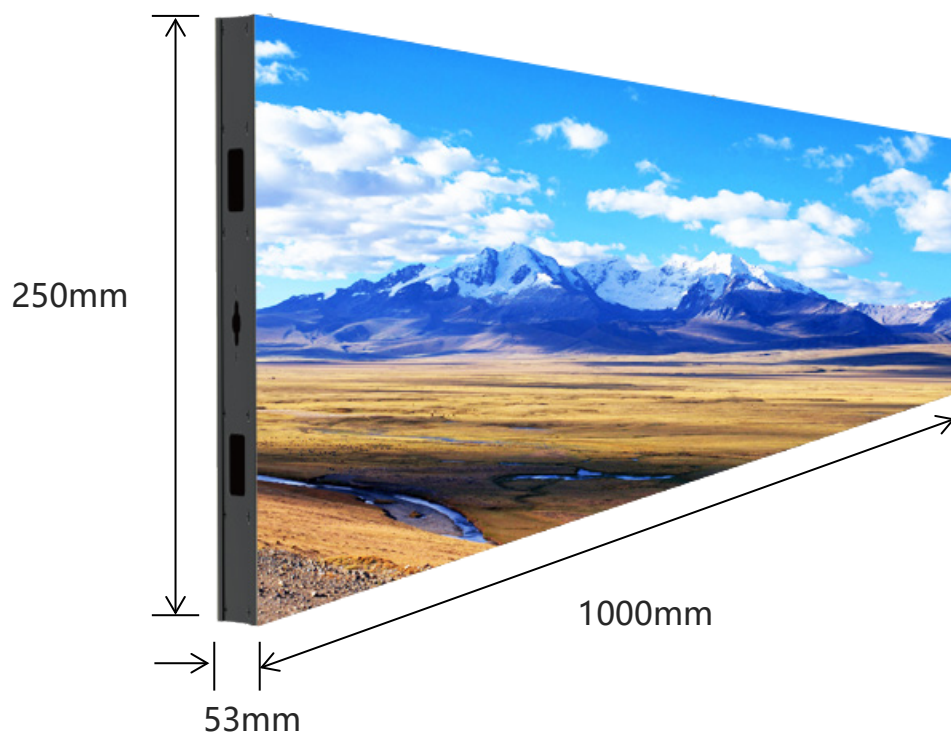


High Refresh



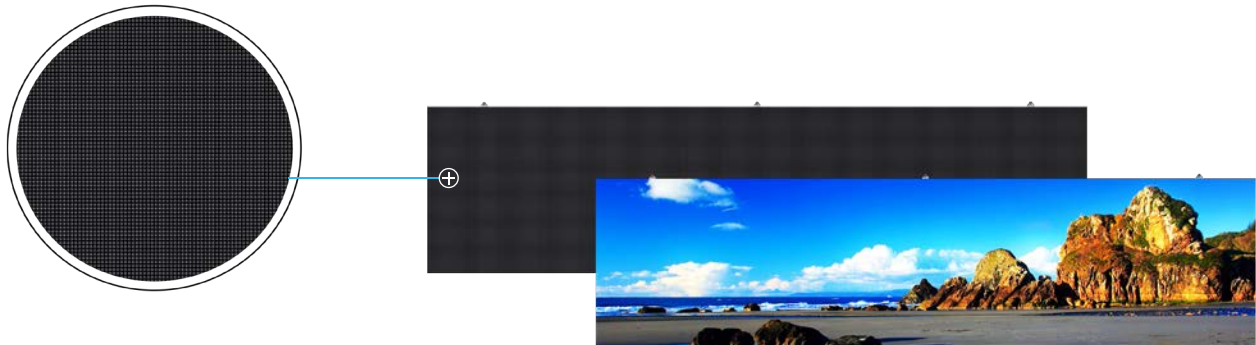
Seamless splicing

CABINET SIZE



FRONT SIDE

High contrast corrugated light absorbing mask achieves high contrast

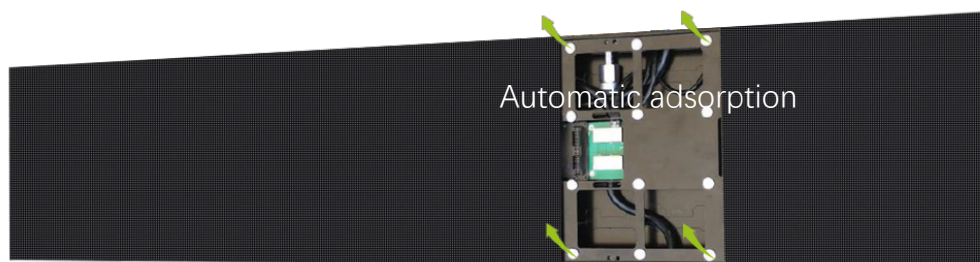


LIGHT/SLIM

Light weight design, the weight of each cabinet is only 7kg, Thickness is only 53mm for double sides.



FULL FRONT MAINTENANCE



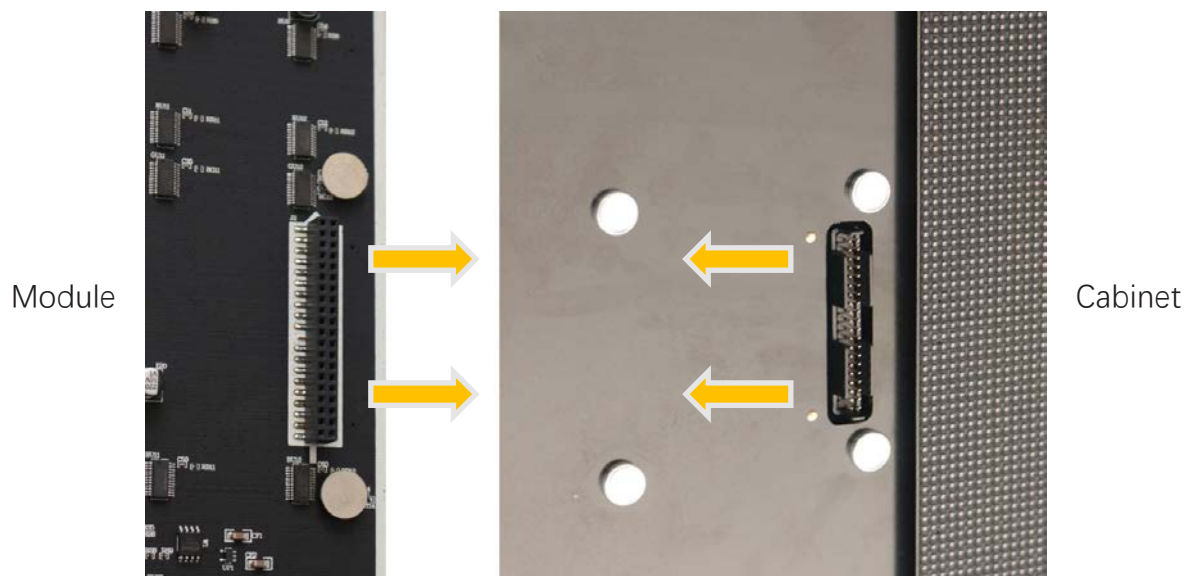
DOUBLE-SIDED DISPLAY

Different pixel pitch and different brightness are available in two sides



HOT SWAP

Hardware connection between modules and cabinet reduces the failure rate



FEATURES — HIGH REFRESH RATE

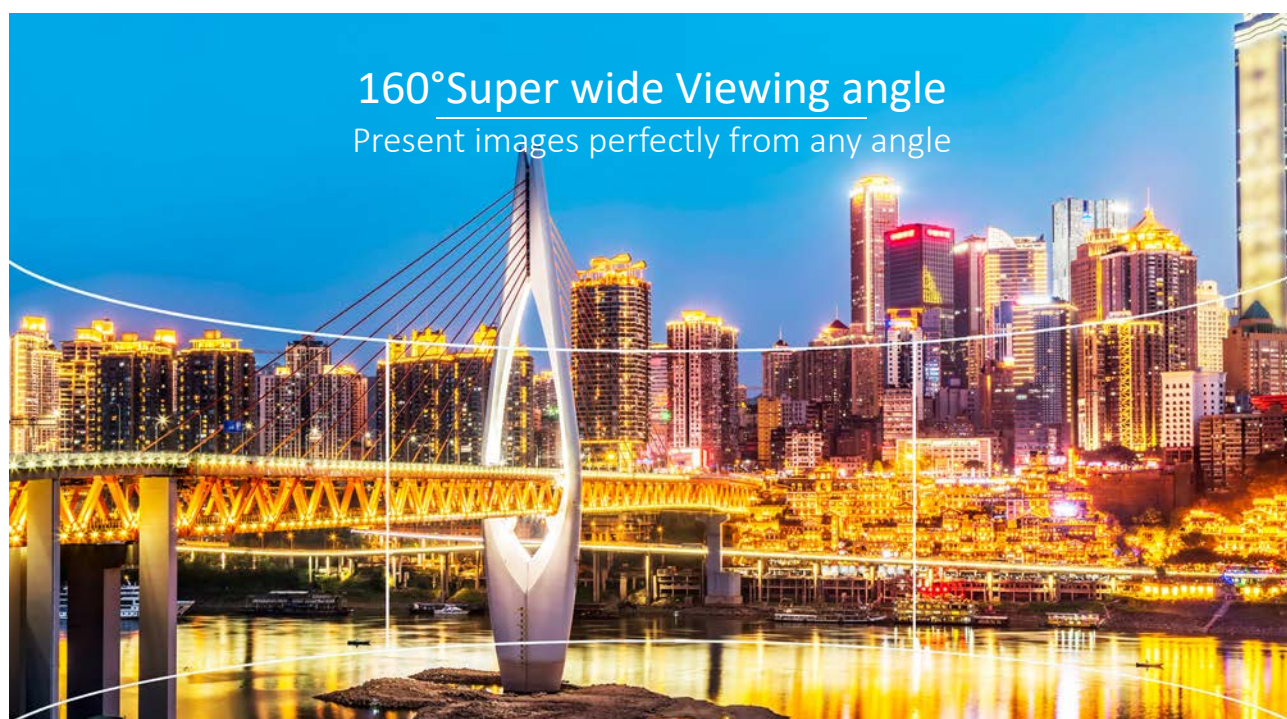


High refresh rate

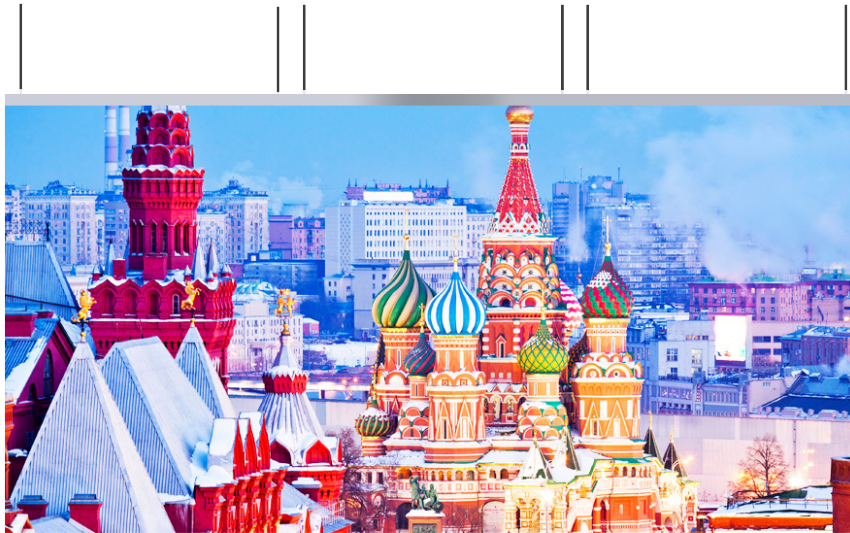


Low refresh rate

FEATURES — HIGH GREY SCALE

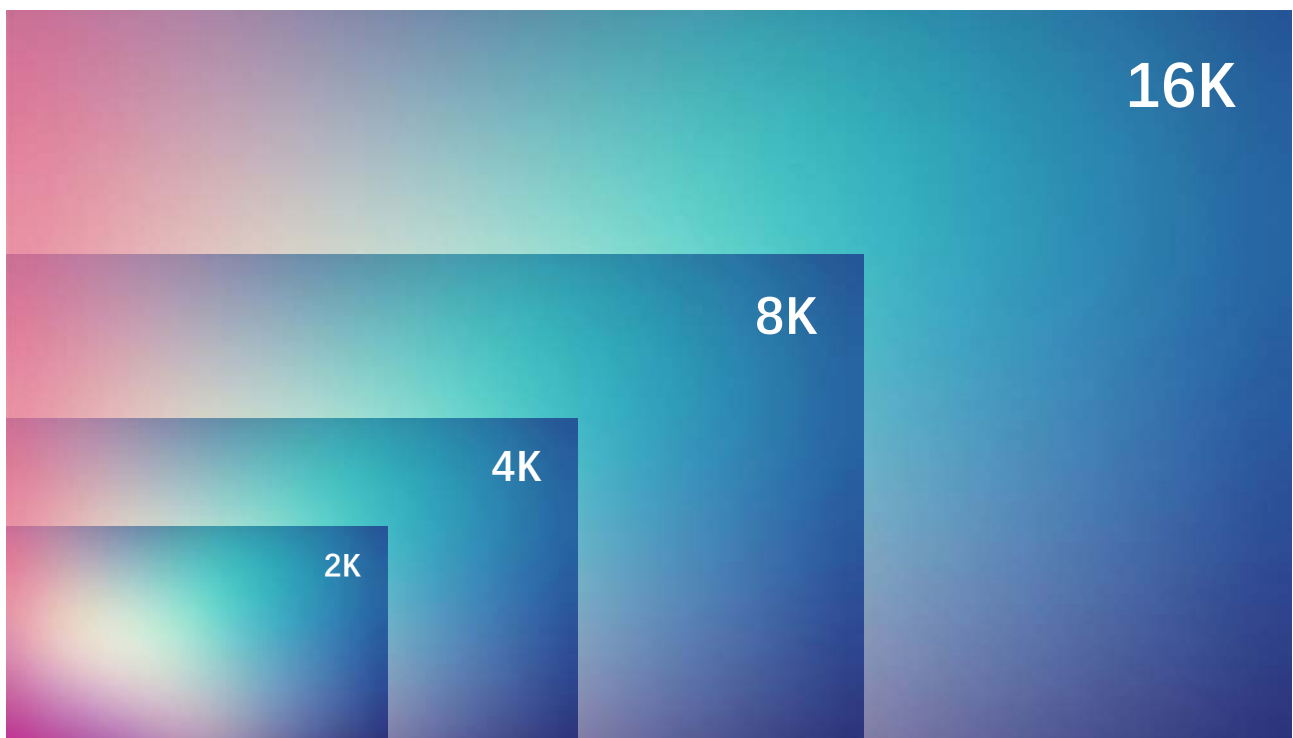


INSTALLATION MODE



Hanging

Seamless cabinet splicing enables the creation of 2K, 4K, 8K, and 16K ultra-high-definition LED screens.



PRODUCT PARAMETER

Pixel Pitch	P1.25	P1.5625	P1.95	P2.5	P2.604	P2.976	P3.91
LED type	SMD1010 GOB	SMD1212 GOB	SMD1515	SMD1515	SMD1515	SMD1515	SMD2121
Pixel density (dot/m ²)	640000	409600	262144	160000	147456	112896	65536
Module resolution	200 x 200	160 x 160	128 x 128	100 x 100	96 x 96	84 x 84	64 x 64
Module size (mm)	250 x 250	250 x 250	250 x 250	250 x 250	250 x 250	250 x 250	250 x 250
Panel size (W x H x D/mm)	1000x250x54 / 750x250x54 / 500x250x54						
Panel resolution	800 x 200 600 x 200 400 x 200	640 x 160 480 x 160 320 x 160	512 x 128 384 x 128 256 x 128	400 x 100 300 x 100 200 x 100	384 x 96 384 x 96 192 x 96	336 x 84 252 x 84 168 x 84	256 x 64 192 x 64 128 x 64
Module QTY (W x H)	4 x 1/ 3 x 1/ 2 x 1						
Maintenance mode	Front	Front	Front	Front	Front	Front	Front
Cabinet material	Aluminum						
Drive mode	1/50 scan	1/40 scan	1/32 scan	1/25 scan	1/32 scan	1/28 scan	1/16 scan
Brightness correction	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Brightness (Nits)	650	650	650	650	650	650	650
Color temperature	5000 - 12000 Optional						
Viewing angle (V/H)	160° /160°						
Brightness/Color uniformity	≥ 97%						
Contrast ratio	10000 : 1						
Frame Rate	50 / 60						
Grey Level	14/16 Bit (optional)						
Refresh rate (Hz)	3840						
Max. power consumption	650w/sqm						
Avg. power consumption	100-200w/sqm						
Protection grade	IP 31						
Input Power	AC90-264V, 47-63Hz						
Working Temp/Humidity	-20~60℃ / 10%~85%						
Storage Temp/Humidity	-20~60℃ / 10%~85%						
Cert.	CCC / CE / RoHS / FCC / CB / TUV / IEC						



Poster screen - P2 series

P1.25 / P1.56 / P1.95 / P2.5 / P2.604 / P2.976 / P3.91

Premier LED Displays from a Top Chinese Manufacturer

Xinglu Technology (Hebei) Co., Ltd.

HIGHLIGHTS



Double sided display



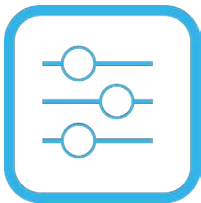
Intelligent split display



Wifi/Ethernet



Multiple interfaces

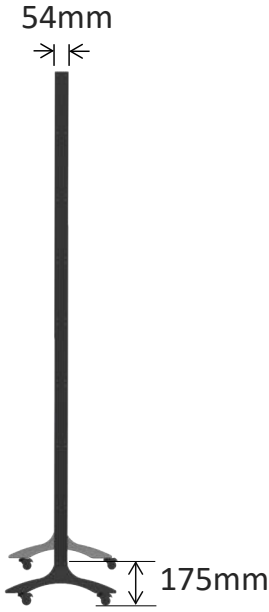
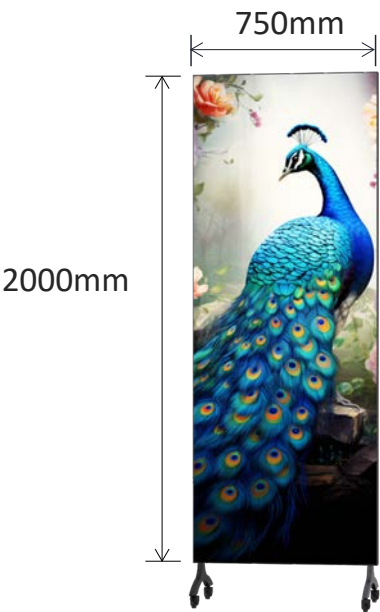


Sync&Async play



brightness control

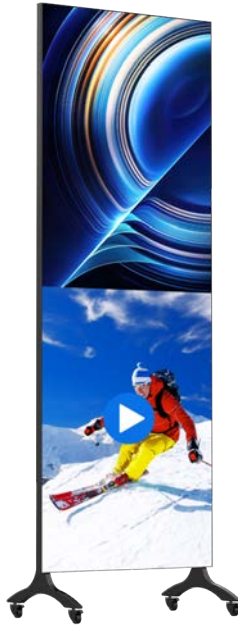
CABINET DIMENSIONS



FEATURES

SMART SPLIT-SCREEN MULTI-USE IN ONE SCREEN

Multiple split-screen modes, with video and images/text playing synchronously, meeting various needs.



One-split



Two-split



Three-split



FEATURES

USB DRIVE RECOGNITION, PLUG AND PLAY



Insert the USB drive, and it will automatically recognize the files, play in a loop, and support videos, images, and more.



DUAL-SIDED DISPLAY, 360° PRESENTATION

Supports different dot pitch and brightness customization on both sides, with dual-sided identical/different display options, offering 360° all-around presentation to meet diverse scenario needs.



MULTI-SCREEN CASCADING

Multi-screen cascading supports seamless splicing of multiple large screens for display.



MULTIPLE INSTALLATION MODES



Multiple screen splicing

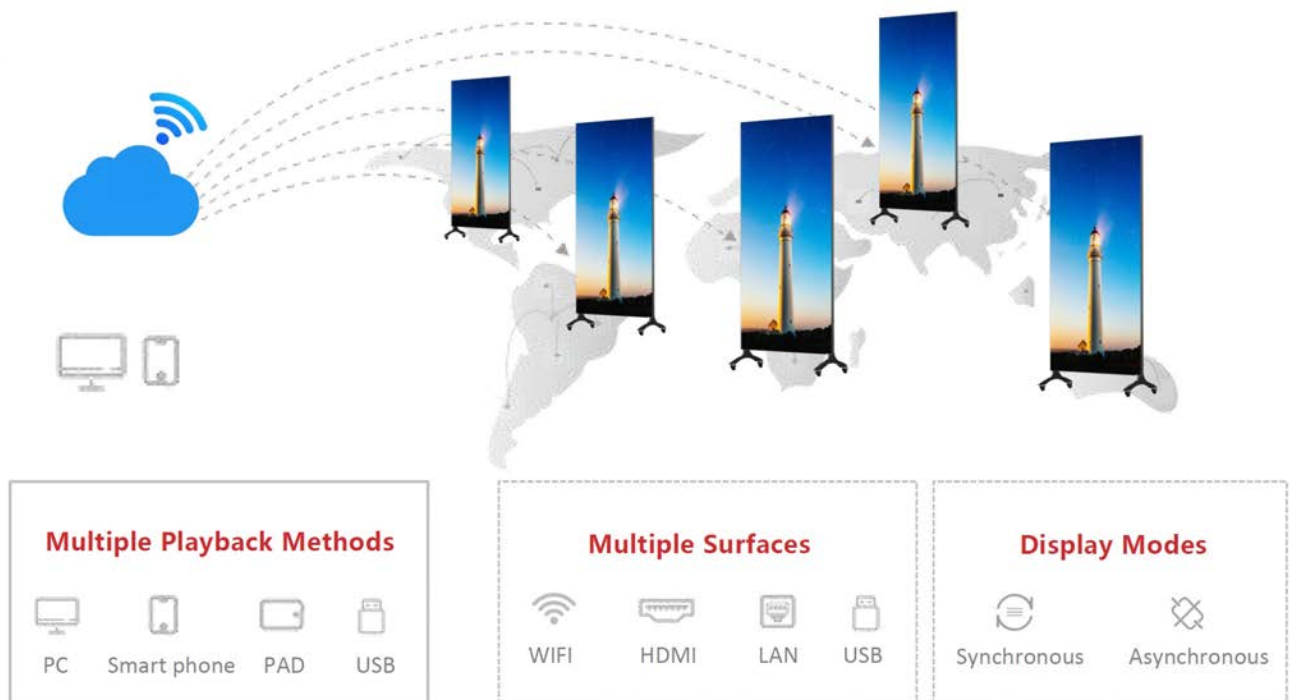


Stand on floor



Hoisting

SMART CLUSTER MANAGEMENT



PRODUCT PARAMETER

Pixel Pitch	P1.25	P1.5625	P1.95	P2.5	P2.604	P2.976	P3.91
LED type	SMD1010 GOB	SMD1212 GOB	SMD1515	SMD1515	SMD1515	SMD1515	SMD2020
Pixel density (dot/m ²)	640000	409600	262144	160000	147456	112896	65536
Screen resolution (dots)	600 x 1600	480 x 1280	384 x 1024	300 x 800	288 x 768	252 x 672	192 x 512
Module size (mm)	250 x 250	250 x 250	250 x 250	250 x 250	250 x 250	250 x 250	250 x 250
Display dimension (mm)	750 x 2000 x 54						
Dimensions (mm)	756 x 2181 x 54						
Weight (kg)	50.2	50.2	50.2	50.2	50.2	50.2	50.2
Maintenance mode	Front	Front	Front	Front	Front	Front	Front
Cabinet material	Aluminum						
Drive mode	1/50 scan	1/40 scan	1/32 scan	1/25 scan	1/32 scan	1/28 scan	1/16 scan
Brightness (Nits)	600	600	800	800	800	800	1000
Color temperature	5000 - 12000 Optional						
Viewing angle (V/H)	160° /160°						
Brightness/Color uniformity	≥ 97%						
Contrast ratio	10000 : 1						
Frame Rate	50 / 60						
Grey Level	14/16 Bit (optional)						
Refresh rate (Hz)	3840						
Max. power consumption	650w						
Avg. power consumption	100-200w						
Input Power	AC90-264V, 47-63Hz						
Working Temp/Humidity	-20~60°C / 10%~85%						
Storage Temp/Humidity	-20~60°C / 10%~85%						
Cert.	CCC / CE / RoHS / FCC / CB / TUV / IEC						



Poster screen - P3 series

P0.9375 / P1.25 / P1.56 / P1.875 / P2.5

Premier LED Displays from a Top Chinese Manufacturer

Xinglu Technology (Hebei) Co., Ltd.

HIGHLIGHTS



HD performance



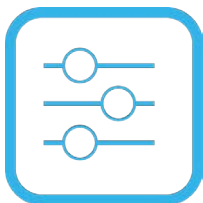
Intelligent split display



Wifi/Ethernet



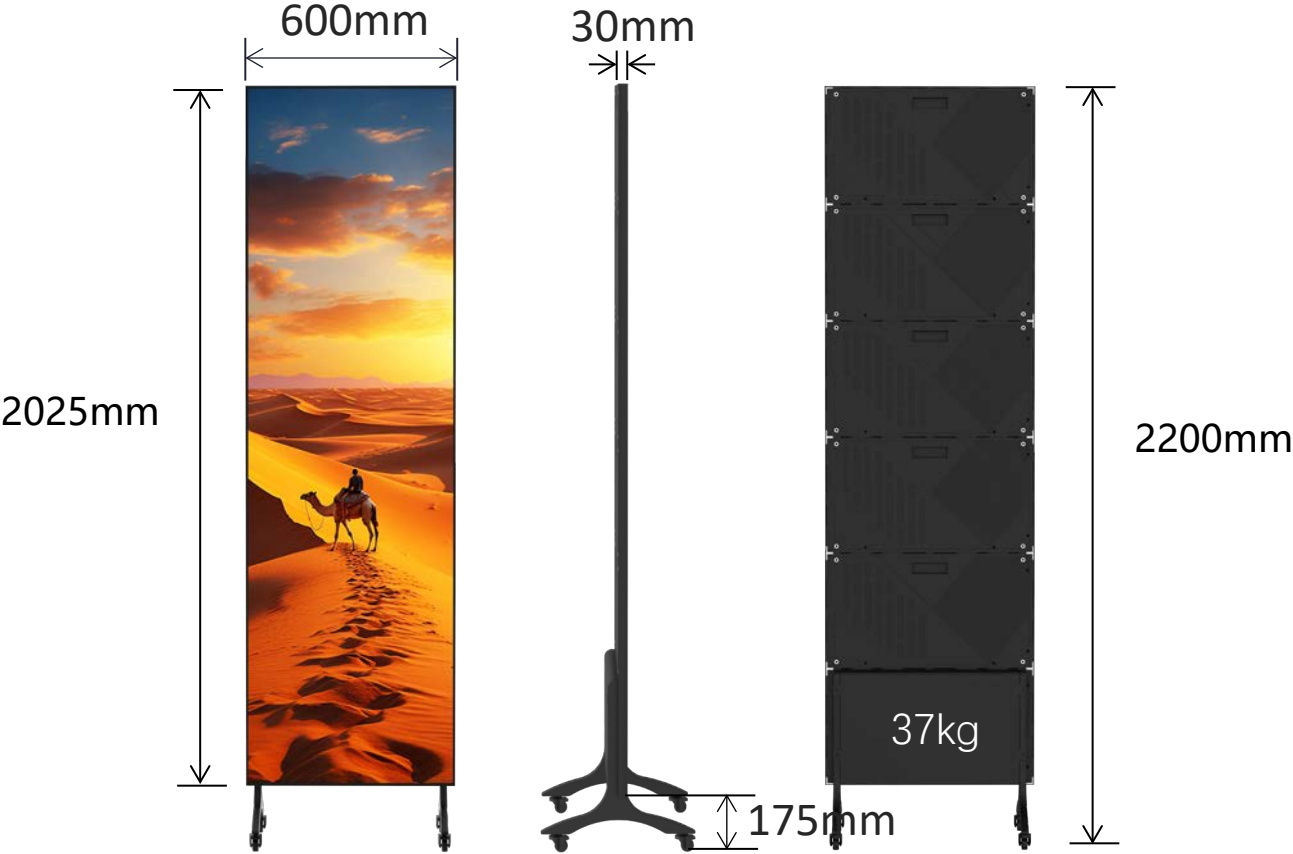
Multiple interfaces



Sync&Async play



Seamless splicing



FEATURES

SMART SPLIT-SCREEN MULTI-USE IN ONE SCREEN

Multiple split-screen modes, with video and images/text playing synchronously, meeting various needs.



One-split



Two-split



Three-split



FEATURES

USB DRIVE RECOGNITION, PLUG AND PLAY



Insert the USB drive, and it will automatically recognize the files, play in a loop, and support videos, images, and more.



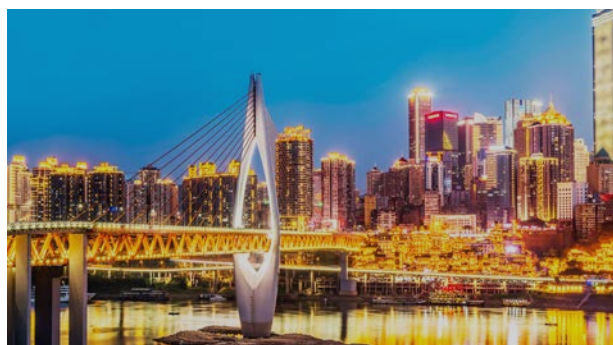
FEATURES — WIDE COLOR GAMUT

Professional color management technology, LED advertising machines display richer color levels and more natural color transitions



FEATURES — DELICATE PICTURE QUALITY

High brightness, high contrast ratio and high refresh rate, delicate picture quality, vivid display performance.

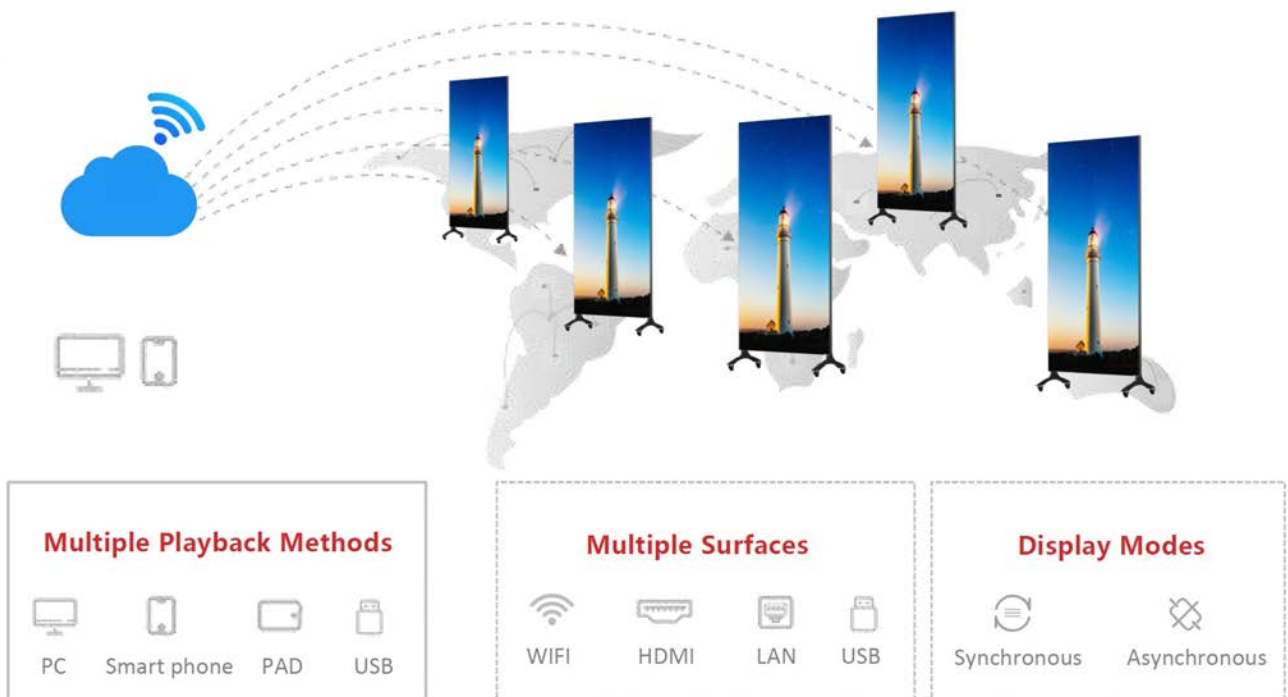


MULTI-SCREEN SEAMLESS SPLICING

Support multile screens splicing without gap



SMART CLUSTER MANAGEMENT



MULTIPLE INSTALLATION MODES



Multiple screen splicing



Stand on floor



Hoisting

APPLICATION SCENES



PRODUCT PARAMETER

Pixel Pitch	P0.9375	P1.25	P1.56	P1.875	P2.5
LED type	COB	SMD1010 COB	SMD1010/1212 COB	SMD1010/1515 GOB	SMD1010/1515 GOB
Pixel density (dot/m ²)	1137778	640000	409600	284444	160000
Display dimensions (mm)	600 x 2025 x 30				
Overall dimensions (mm)	606 x 2206 x 30				
Display Pixels (Points)	640 x 2160	480 x 1620	384 x 1296	320 x 1080	240 x 810
Weight (kg)	37	37	37	37	37
Maintenance mode	Front	Front	Front	Front	Front
Cabinet material	Die-cast Aluminum				
Drive mode	1/60 scan	1/45 scan	1/48 scan	1/45 scan	1/45 scan
Brightness (Nits)	≥ 600	≥ 600	≥ 600	≥ 600	≥ 600
Color temperature	5000 - 12000 Optional				
Viewing angle (V/H)	170° /170°				
Brightness/Color uniformity	≥ 99.8%				
Contrast ratio	10000 : 1				
Frame Rate	50 / 60				
Grey Level	16 Bit				
Refresh rate (Hz)	3840				
Max. power consumption	420w				
Avg. power consumption	100-200w				
Control mode	USB / LAN / WIFI / 4G cloud (optional)				
Input Power	AC90-264V, 47-63Hz				
Working Temp/Humidity	-20~60°C / 10%~85%				
Storage Temp/Humidity	-20~60°C / 10%~85%				
Cert.	CCC / CE / RoHS / FCC / CB / TUV / IEC /BIS				