



2021 LED Display Catalog

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About Us

Be founded in the year of 2010, ShenZhen HuaKe Light Electronics Co., Ltd has devoted 10 years all in the field of LED Display and LED Lighting, and has developed into a high-tech enterprise which is committed to growing to be a worldwide innovation brand of Chinese LED Display & Lighting that having a series of private brands.

Key Facts to Know

- * HUAKE has built a mature and stable product development system, and obtained more than 20 utility model patents
- * HUAKE has complete and stable QA quality control system and supply chain system, and obtain ISO9001:2015 authorization;
- * 50-100 staff, sales to over 15 countries with an average over US\$2000,000 monthly turnover, we are expanding fast.
- * Aiming to provide our clients with first-rate service and products — we' ll provide you like Custom LED Designs, Project Consulting, 24-hours online pre-sales contact, quick after-sales support, and no evasive warranty policy.

LED Display Modules

HUAKE LED Display Modules

Individual LED Display Modules, the small circuit that integrates the LEDs and the rest of the necessary electronics that can reproduce images and videos.

LED Display Modules' Size

The sizes of the LED modules or LED boards are generally defined by the pixelization of the modules, while the module for rental display screen are in 250x250mm, which is designed in order to facilitate the LED display screen that constitutes a square meter unit.

Pixel Pitches

Available from P1.25 to P10, among which the pixel pitch under 2.0mm are named as small pixel pitch which are used for high definition LED display projects.

Indoor and Outdoor

LED display modules for indoor projects, 600-800nits brightness is enough, while outdoor LED display modules as expose in sun, high brightness >4500nits is required. For some indoor installation, but face to windows that has direct sunlight, also need to use high brightness but not waterproof.

Connection and Wiring

LED Display Modules only have two/three connections. One/two the multipin data input these are sent to the modules from the controller card or Receiving Card.

And the other 3pin input for power supply. The modules that have two data interface can be daisy chain together in a limited quantify. Usually the LED display tiles are 5V DC powered. Each power supply feeds a group of LED modules.

Fixing and Installing of LED Modules

Small LED modules can be installed in the structural frames or cabinets that make up the giant LED screen in several possible ways. Everything depends on the usage and installation of the screen.

Fixation with screws

The modules are attached to the cabinet structure by screws. This is the most standard and usual way on LED displays.

Magnetic fixation

For quick substitutions where maintenance has to be done in a few seconds. For this function, the screws are replaced by magnets.

Parts and Components of an LED Display Module

Electronic board

Circuit with copper conductor tracks that interconnect its components. These plaques are assembled with fully automated integration processes. On the front, LEDs are inserted and, on the back, the ICs (chips or integrated circuits) are assembled.

Frontal mask

It is a black plastic front piece that has holes to match the position of the LEDs. Generally, it is assembled on the surface of the module with small screws. This grid or mask can protect the LEDs from attack and in outdoor display it added to improve its visibility with direct sunlight.

Rear plastic structure

Part of black plastic that is rigid or flexible, it gives rigidity and support to the printed circuit and allows its fixation on the chassis of the Cabinet LED. Rain resistant LED screens usually incorporate rubber gaskets to prevent water or moisture from entering the interior of the LED display .

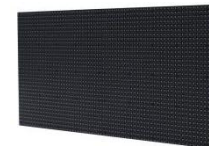
NOTE: The magnets, data cables and power cables are not included in the unit of the LED Display Module.



M-HD Series

Small Pixel Pitch Indoor Full Color LED Module

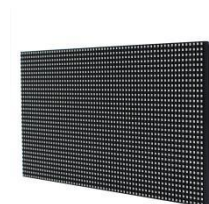
High resolution per unit area, produce higher definition. Images and videos. Seamless viewing to replace LCD video wall.



M-ID Series

Indoor Full Color SMD LED Module

Regular indoor LED display modules satisfy for most fixed LED display project.



M-OD Series

Outdoor Full Color SMD LED Module

IP65 Outdoor LED display modules in high brightness >5000nits, Still visible from long distance and under daylight sunshine.



M-F Series

Flexible Indoor Full Color SMD LED Module

SMD LEDs fixed on bared flexible PCB, used for LED display screen that has curve or ribbon.



M-SF Series

Silicon flexible Indoor Full Color SMD LED Module

Flexible PCB module with silicon base attached, add on flatness during installation.

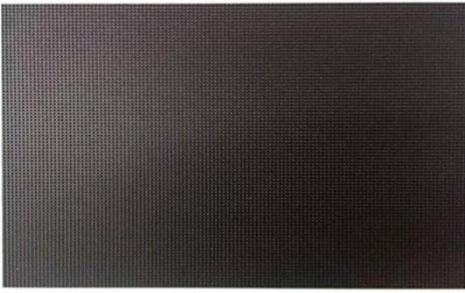


M-WF Series

Outdoor Silicon Flexible Full Color SMD LED Module

Innovative design, complete waterproof flexible modules designed to fit the increasing need for outdoor modeling of screen .

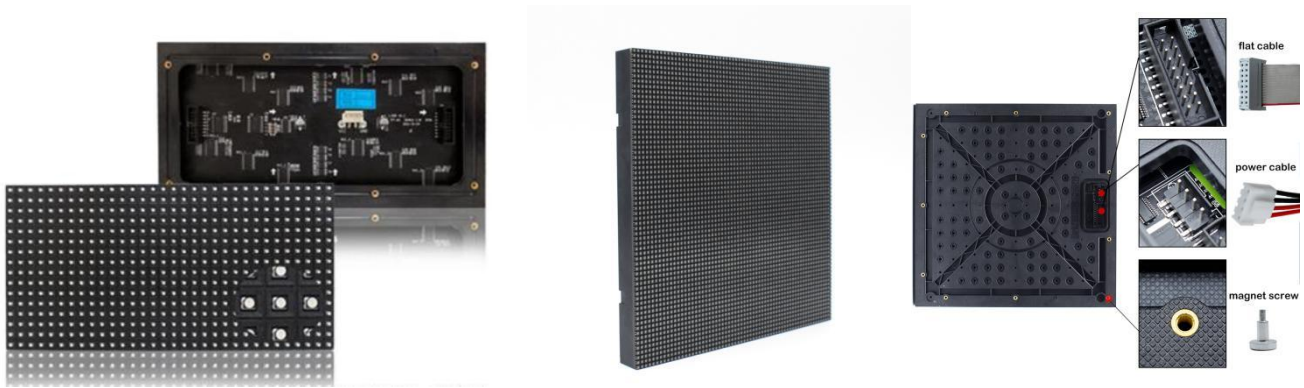
M-HD Series / Indoor High Definition LED Modules / LED Display Modules



SKU	Pixel Pitch	Module Dimension	Module Resolution	Module Pixel	Scan	Pixel Density	View Distance	LED	Brightness	Watt	IP Grade
M-HD1.25	1.25mm	200x150mm	160x120	19200dots	30S	640,000 dots/m ²	>1m	SMD1010	600nits	20W	IP30
M-HD1.56	1.56mm	200x150mm	128x96	12288dots	32S	410,913 dots/m ²	>1m	SMD1010	600nits	20W	IP30
M-HD1.66	1.667mm	200x150mm	120x90	10800dots	30S	359,856 dots/m ²	>1m	SMD1010	600nits	20W	IP30
M-HD1.81L	1.81mm	320x160mm	176x88	15488dots	44S	305,240 dots/m ²	>1m	SMD1010	600nits	20W	IP30
M-HD1.87	1.875mm	240x240mm	128x128	16384dots	32S	284,444 dots/m ²	>1m	SMD1010	600nits	20W	IP30
M-HD2	2.0mm	256x128mm	128x64	8192dots	32S	250,000 dots/m ²	>2m	SMD1515	800nits	20W	IP30
M-HD2L	2.0mm	320x160mm	160x80	12800dots	40S	250,000 dots/m ²	>2m	SMD1515	800nits	30W	IP30



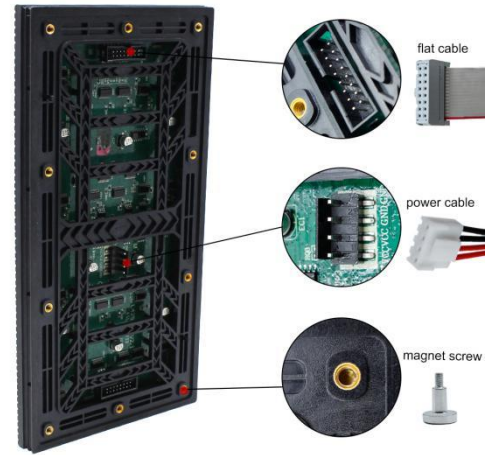
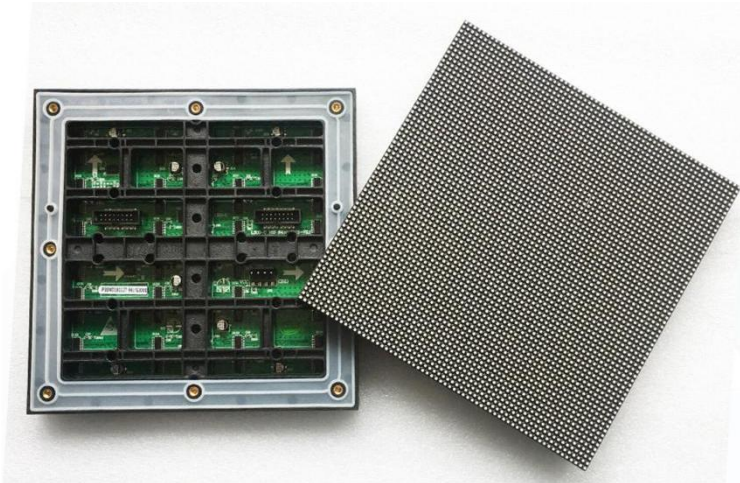
M-ID Series / Indoor Rigid LED Modules / LED Display Modules



SKU	Pixel Pitch	Module Dimension	Module Resolution	Module Pixel	Scan	Pixel Density	View Distance	LED	Brightness	Watt	IP Grade
M-ID2.5	2.5mm	160x160mm	64x64	4096dots	32S	160,000 dots/m ²	>2.5m	SMD2121	600-800nits	20W	IP30
M-ID2.5L	2.5mm	320x160mm	128x64	8192dots	32S	160,000 dots/m ²	>2.5m	SMD2121	600-800nits	25W	IP30
M-ID2.9	2.976mm	250x250mm	84x84	7056dots	28S	112,896 dots/m ²	>3m	SMD2121	800nits	20W	IP30
M-ID3	3mm	192x192mm	64x64	4096dots	32S	111,111 dots/m ²	>3m	SMD2121	800nits	20W	IP30
M-ID3L	3.076mm	320x160mm	104x52	5408dots	26S	105,688 dots/m ²	>3m	SMD2121	800nits	25W	IP30
M-ID3.9	3.91mm	250x250mm	64x64	4096dots	16S	65,410 dots/m ²	>4m	SMD2121	800nits	15W	IP30
M-ID4	4mm	256x128mm	64x32	2048dots	16S	62,500 dots/m ²	>4m	SMD2121	800nits	15W	IP30
M-ID4L	4mm	320x160mm	80x40	3200dots	20S	62,500 dots/m ²	>4m	SMD2121	800nits	20W	IP30
M-ID4.8	4.81mm	250x250mm	52x52	2704dots	13S	43,264 dots/m ²	>5m	SMD2121	800nits	15W	IP30
M-ID5L	5mm	320x160mm	64x32	2048dots	16S	40,000 dots/m ²	>5m	SMD2121	800nits	15W	IP30



M-OD Series / Outdoor Rigid LED Modules / LED Display Modules



SKU	Pixel Pitch	Module Dimension	Module Resolution	Module Pixel	Scan	Pixel Density	View Distance	LED	Brightness	Watt	IP Grade
M-OD2.5L	2.5mm	320x160mm	128x64	8192dots	32S	160,000 dots/m ²	>2.5m	SMD1921	4500nits	40W	IP65
M-OD3	3mm	192x192mm	64x64	4096dots	16S	111,111 dots/m ²	>3m	SMD1921	4500nits	25W	IP65
M-OD3L	3.076mm	320x160mm	104x52	5408dpts	13S	105,625 dots/m ²	>3M	SMD1921	5000nits	30W	IP65
M-OD3.9	3.91mm	250x250mm	64x64	4096dots	16S	65,410 dots/m ²	>4m	SMD1921	5000nits	15W	IP65
M-OD4	4mm	256x128mm	64x32	2048dots	8S	62,500 dots/m ²	>4m	SMD1921	5000nits	30W	IP65
M-OD4L	4mm	320x160mm	80x40	3200dots	10S	62,500 dots/m ²	>4m	SMD1921	5000nits	30W	IP65
M-OD4.8	4.81mm	250x250mm	52x52	2704dots	13S	43,264 dots/m ²	>5m	SMD1921	5000nits	20W	IP65
M-OD5L	5mm	320x160mm	64x32	2048dots	8S	40,000 dots/m ²	>5m	SMD2727	5000nits	20W	IP65
M-OD5.9	5.95mm	250x250mm	42x42	1764dots	7S	28,246 dots/m ²	>6m	SMD2727	5000nits	20W	IP65
M-OD6	6mm	192x192mm	32x32	1024dots	8S	27,777 dots/m ²	>6m	SMD2727	5000nits	20W	IP65
M-OD6.6L	6.67mm	320x160mm	48x24	1152dots	6S	22,477 dots/m ²	>7m	SMD3535	5000nits	20W	IP65
M-OD8L	8mm	320x120mm	40x20	800dots	4S	15,625 dots/m ²	>8m	SMD3535	5000nits	15W	IP65
M-OD10L	10mm	320x160mm	32x16	512dots	2S	10,000 dots/m ²	>10m	SMD3535	5000nits	15W	IP65



M-F Series / Indoor Flexible LED Modules / LED Display Modules



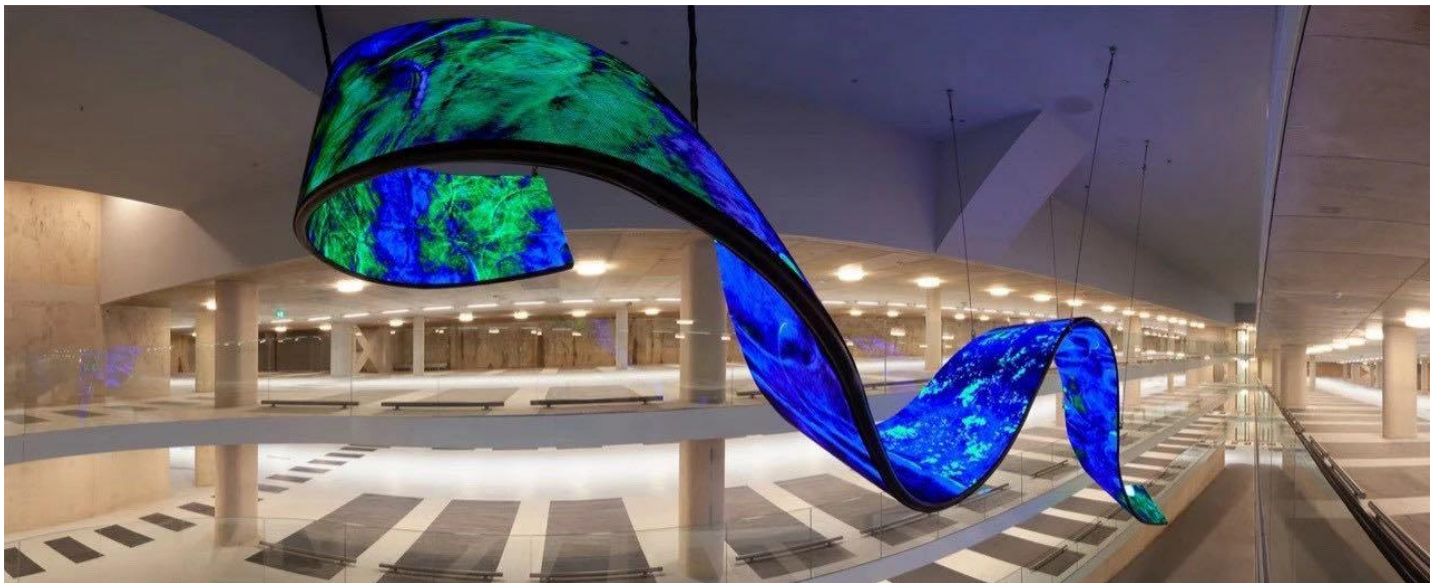
SKU	Pixel Pitch	Module Dimension	Module Resolution	Module Pixel	Scan	Pixel Density	View Distance	LED	Brightness	Watt	IP Grade
M-F1.87	1.875mm	240x120mm	128x64	8192dots	32S	284,444 dots/m ²	>2m	SMD1515	600nits	20	IP30
M-F2L	2mm	320x160mm	160x80	12800dots	32S	218,780 dots/m ²	>2m	SMD1515	600nits	30	IP30
M-F2.5L	2.5mm	320x160mm	128x64	8192dots	24S	140,019 dots/m ²	>2.5m	SMD2121	800nits	25	IP30
M-F3.2	3mm	256x128mm	80x40	3200dots	20S	97,656 dots/m ²	>3m	SMD2121	800nits	15	IP30
M-F3.8	3.8mm	304.8x304.8 mm	80x80	6400dots	20S	69,264 dots/m ²	>4m	SMD2121	800nits	25	IP30
M-F4L	4mm	320x160mm	80x40	3200dots	16S	62,500 dots/m ²	>4m	SMD2121	800nits	15	IP30
M-F5L	5mm	320x160mm	64x32	2048dots	16S	40,000 dots/m ²	>5m	SMD2121	800nits	15	IP30
M-F8	8mm	320x120mm	32x16	512dots	8S	15,625 dots/m ²	>8m	SMD3535	4500nits	15	IP30



M-SF Series / Indoor Silicon Base Flexible LED Modules / LED Display Modules



SKU	Pixel Pitch	Module Dimension	Module Resolution	Module Pixel	Scan	Pixel Density	View Distance	LED	Brightness	Watt	IP Grade
M-SF1.87	1.875mm	240x120mm	128x64	8192dots	32S	284,444 dots/m ²	>2m	SMD1515	600nits	20	IP30
M-SF2L	2mm	320x160mm	160x80	12800dots	32S	218,780 dots/m ²	>2m	SMD1515	600nits	30	IP30
M-SF2.5L	2.5mm	320x160mm	128x64	8192dots	24S	140,019 dots/m ²	>2.5m	SMD2121	800nits	25	IP30
M-SF3.2	3mm	256x128mm	80x40	3200dots	20S	97,656 dots/m ²	>3m	SMD2121	800nits	15	IP30
M-SF3.8	3.8mm	304.8x304.8 mm	80x80	6400dots	20S	69,264 dots/m ²	>4m	SMD2121	800nits	25	IP30
M-SF4L	4mm	320x160mm	80x40	3200dots	16S	62,500 dots/m ²	>4m	SMD2121	800nits	15	IP30
M-SF5L	5mm	320x160mm	64x32	2048dots	16S	40,000 dots/m ²	>5m	SMD2121	800nits	15	IP30
M-SF8L	8mm	320x160mm	40x20	800dots	8S	15,625 dots/m ²	>8m	SMD3535	800-4500nits	15	IP30





Waterproof: IP65



SKU	Pixel Pitch	Module Dimension	Module Resolution	Module Pixel	Scan	Pixel Density	View Distance	LED	Brightness	Watt	IP Grade
M-WF2.5L	2.5mm	320x160mm	128x64	8192dots	24S	140,019 dots/m ²	>2.5m	SMD1921	4500nits	40	IP65
M-WF3.2	3mm	256x128mm	80x40	3200dots	20S	97,656 dots/m ²	>3m	SMD1921	4500nits	25	IP65
M-WF4L	4mm	320x160mm	80x40	3200dots	16S	62,500 dots/m ²	>4m	SMD1921	4500nits	30	IP65
M-WF5L	5mm	320x160mm	64x32	2048dots	16S	40,000 dots/m ²	>5m	SMD1921	4500nits	20	IP65
M-WF8	8mm	320x160mm	32x16	800dots	8S	15,625 dots/m ²	>8m	SMD3535	4500nits	15	IP65



Irregular Shaped LED Display Screen

Irregular Shaped LED display screen

Accept Custom Works for All Irregular Shaped LED display screens:

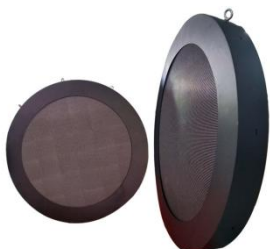
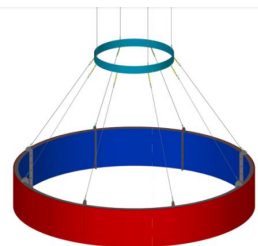
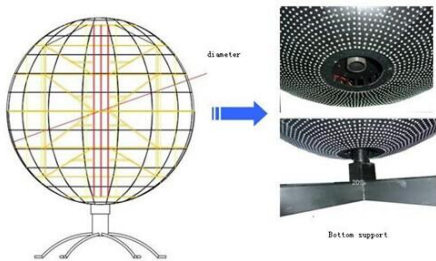
- Sphere LED Display
- Cylinder LED Display
- Circular LED Display
- Cubic LED Display
- DJ Booth LED Display
- Funnel-Shaped LED Display

How to Start to Customize Your LED Display

Step 1: Provide your desired LED display drawing, we need to know the shape and detailed dimension. Also we need to know the what pixel pitch and how will you install the LED display.

Step 2: Once we get enough information, our engineer will analyse and give solution about how to realize. Like what shapes of modules will need; how many of each shape; how many module PCB mould need to make; and program budget.

P. S. If there is difficulty to realize a desired LED display from clients, our team will provide a viable alternative solutions. In a word, we will do the best to help clients to achieve results by the most economically feasible way.



Standardized Models / Indoor / Sphere LED Display

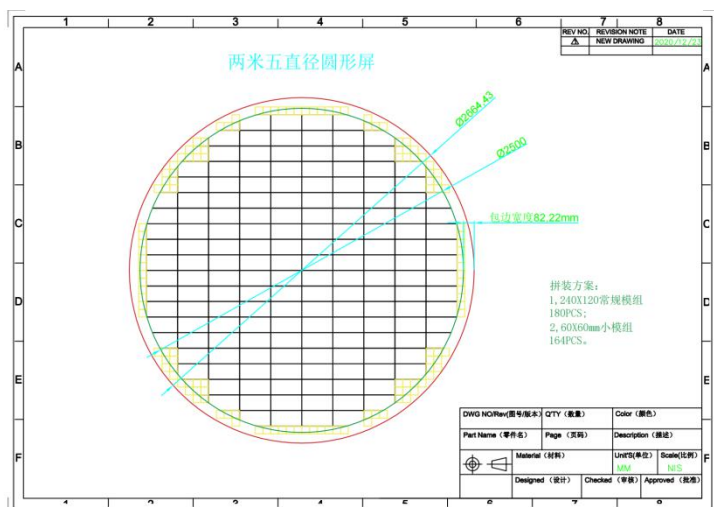


SKU	Pixel Pitch	Diameter	Superficial area	Poster Pixels	Module types	LED	Brightness	Lead Time
SP-D1P4	4mm	1000mm	3.14m ²	62,500dots	6Trapezoid+1Circular	SMD2020	1000nits	15Days
SP-D1.2P3	3mm	1200mm	4.5216m ²	111,111dots	8Trapezoid+1Circular	SMD1515	1000nits	20Days
SP-D1.2P4	4mm	1200mm	4.5216m ²	62,500dots	8Trapezoid+1Circular	SMD2020	1000nits	20Days
SP-D1.5P3	3mm	1500mm	7.065m ²	111,111dots	8Trapezoid+1Circular	SMD1515	1000nits	20Days
SP-D1.5P4	4mm	1500mm	7.065m ²	307,200dots	8Trapezoid+1Circular	SMD2020	1000nits	20Days
SP-D1.8P3	3mm	1800mm	10.174m ²	111,111dots	10Trapezoid+1Circular	SMD1515	1000nits	20Days
SP-D2.0P3	3mm	2000mm	12.56m ²	111,111dots	12Trapezoid+1Circular	SMD1515	1000nits	25Days
SP-OD2.0P6	6mm	2000mm	12.56m ²	/	Outdoor	SMD3535	4000nits	35Days

Notes: Need other diameter and outdoor sphere LED display, or any special shape, please contact us. Custom work accept.



Standardized Models / Indoor / Circular LED Display



SKU	Pixel Pitch	Display Area Diameter	Outer Diameter	Edge Cover Width	Superficial area	Scan	Brightness	Lead Time
CP-D1P1.8	1.875mm	1080mm	1200mm	64mm	1.13m ²	32	600nits	15Days
CP-D1.2P1.8	1.875mm	1200mm	1360mm	80mm	1.45m ²	32	600nits	20Days
CP-D1.5P1.8	1.875mm	1500mm	1630mm	66mm	2.1m ²	32	600nits	20Days
CP-D2P1.8	1.875mm	2000mm	2140mm	76mm	3.6m ²	32	600nits	20Days
CP-D2.5P1.8	1.875mm	2500mm	2660mm	83mm	5.6m ²	32	600nits	20Days
CP-D1P1.8	1.579mm	1080mm	1200mm	64mm	1.13m ²	38	600nits	15Days
CP-D1.2P1.5	1.579mm	1200mm	1360mm	80mm	1.45m ²	38	600nits	20Days
CP-D1.5P15	1.579mm	1500mm	1630mm	66mm	2.1m ²	38	600nits	20Days
CP-D2P1.5	1.579mm	2000mm	2140mm	76mm	3.6m ²	38	600nits	20Days
CP-D2.5P1.5	1.579mm	2500mm	2660mm	83mm	5.6m ²	38	600nits	20Days

Notes: Need other diameter and pixel pitch LED display, or any special shape, please contact us. Custom work accept.



Small Pixel Pitch LED Display

Small Pixel Pitch LED Display

High Definition LED Display Screen, pixel pitch less than 2.0mm
 Fine pixel pitches fit for various applications. Smaller pixel spacing
 LED screen, with high density display characteristics,
 suitable for close viewing, does not produce graininess.

LED Display Unit Size

The sizes of the Small Pixel Pitch LED display are generally defined by the modules, different modules sizes allows for screen single unit In 640x480mm, 600x337.5mm and 480x480mm.

Pitch Options

640 Series 1.25mm, 1.379mm, 1.538mm, 1.86mm, 2.0mm and 2.5mm
 600 Series 1.25mm, 1.45mm 1.563mm & 1.876mm
 480 Series 1.875mm, 2.0mm 2.5mm

600x337.5mm LED Display Screen

16:9 PERFECT RATIO

The 16:9 aspect ratio (for 600 series) perfectly fits standard content and the fine-pitch pixels provide outstanding image quality for up-close viewing distances

Indoor and Outdoor

Generally the fine pixel pitch LED display are only available for indoor use, with brightness in 600nits-800nits.

The 480x480 GOB Outdoor series we have 2.0mm and 2.5mm available for outdoor use.

Better Presentation for Dynamic Movements

The lightening principle of LED unit is self-luminous, this reduces delays in time of the reactions by the components, therefore, imaging of dynamic movement shown on LED screen is always better than other visual hardware, like LCD or projector

High Fresh Rate

* A high refresh rate of 3,840Hz assures the smooth playback of content. The flicker-free image prevents the black bars that occur from video shooting, ensure the clarity and smoothness of every frame of the picture, providing the best visual effect.

Seamless Combination

Bezel free of each tiles allows a large LED displays or video wall combined without seams could not be ignored, this makes great sense for building an ultra high definition visual display.

Front Access Maintenance

The LED modules of the fine pixel pitch LED display are Magnetic mounted on cabinets, they can be take off easily from front for quick replacement

600 Series

600x337.5mm

640 Series

640x480mm

480 Series

480x480mm



600 GOB Series

600x337.5mm

480 GOB Series

480x480mm

480 GOBO Series

480x480mm (Outdoor Solution)



GOB Module VS Traditional Module

Special no mask surface treatment enables screen flatness

No prominent feeling

Better when matched with touch control system.



True HD Series / Indoor, Naked LED Surface / Small Pixel Pitch LED Display



SKU	Pixel Pitch	Cabinet Size-LxW	Cabinet Resolution	Cabinet Pixel	Cabinet QTY./m ²	Pixel Density	View Distance	LED	Brightness	Power Consumption	IP Grade
HD600-1.25	1.25mm	600x337.5 mm	480x270	129,600dots	4.94	640,000 dots/m ²	>1m	SMD1010	600nits	Max.850W, Avg.250W	IP30
HD600-1.45	1.45mm	600x337.5 mm	414x232	96,048dots	4.94	474,477 dots/m ²	>1m	SMD1010	600nits	Max.850W, Avg.250W	IP30
HD600-1.56	1.56mm	600x337.5 mm	384x216	82,944dots	4.94	409,600 dots/m ²	>1m	SMD1010	600nits	Max.850W, Avg.250W	IP30
HD600-1.87	1.875mm	600x337.5 mm	320x180	57,600dots	4.94	284,444 dots/m ²	>1m	SMD1515	600nits	Max.850W, Avg.250W	IP30
HD640-1.25	1.25mm	640x480 mm	512x384	196,608dots	3.26	640,000 dots/m ²	>1m	SMD1010	600nits	Max.850W, Avg.250W	IP30
HD640-1.37	1.379mm	640x480 mm	464x348	161,472dots	3.26	526,398 dots/m ²	>1m	SMD1010	600nits	Max.850W, Avg.250W	IP30
HD640-1.53	1.538mm	640x480 mm	416x312	129,792dots	3.26	423,122 dots/m ²	>1m	SMD1010	600nits	Max.850W, Avg.250W	IP30
HD640-1.86	1.86mm	640x480 mm	344x258	88,752dots	3.26	289,332 dots/m ²	>1m	SMD1515	600nits	Max.850W, Avg.250W	IP30
HD640-2.0	2mm	640x480 mm	320x240	76,800dots	3.26	250,368 dots/m ²	>2m	SMD1515	800nits	Max.850W, Avg.250W	IP30
HD640-2.5	2.5mm	640x480 mm	256x192	49,152dots	3.26	160,234 dots/m ²	>2.5m	SMD2121	800nits	Max.850W, Avg.250W	IP30
HD480-1.87	1.875mm	480x480 mm	256x256	65,536dots	4.34	284,426 dots/m ²	>1m	SMD1515	600nits	Max.850W, Avg.250W	IP30
HD480-2.0	2mm	480x480 mm	240x240	57,600dots	4.34	249,984 dots/m ²	>2m	SMD1515	800nits	Max.850W, Avg.250W	IP30
HD480-2.5	2.5mm	480x480 mm	192x192	36,864dos	4.34	159,989 dots/m ²	>2.5m	SMD2121	800nits	Max.850W, Avg.250W	IP30



True HD Series / Indoor, GOB Protected LED Surface / Small Pixel Pitch LED Display



SKU	Pixel Pitch	Cabinet Size-LxW	Cabinet Resolution	Cabinet Pixel	Cabinet QTY./m ²	Pixel Density	View Distance	LED	Brightness	Power Consumption	IP Grade
HD600G-1.25	1.25mm	600x337.5 mm	480x270	129,600dots	4.94	640,000 dots/m ²	>1m	SMD1010	600nits	Max.850W, Avg.250W	IP65/IP30
HD600G-1.45	1.45mm	600x337.5 mm	414x232	96,048dots	4.94	474,477 dots/m ²	>1m	SMD1010	600nits	Max.850W, Avg.250W	IP65/IP30
HD600G-1.56	1.56mm	600x337.5 mm	384x216	82,944dots	4.94	409,600 dots/m ²	>1m	SMD1010	600nits	Max.850W, Avg.250W	IP65/IP30
HD600G-1.87	1.875mm	600x337.5 mm	320x180	57,600dots	4.94	284,444 dots/m ²	>1m	SMD1515	600nits	Max.850W, Avg.250W	IP65/IP30
HD480G-1.87	1.875mm	480x480 mm	256x256	65,536dots	4.34	284,426 dots/m ²	>1m	SMD1515	600nits	Max.850W, Avg.250W	IP65/IP30
HD480G-2.0	2mm	480x480 mm	240x240	57,600dots	4.34	249,984 dots/m ²	>2m	SMD1515	800nits	Max.850W, Avg.250W	IP65/IP30
HD480G-2.5	2.5mm	480x480 mm	192x192	36,864dos	4.34	159,989 dots/m ²	>2.5m	SMD2121	800nits	Max.850W, Avg.250W	IP65/IP30



Rental LED Display

Tour Series Rental LED Display

The size of the Rental LED display cabinets are designed in 500x500 or 1000x500, 4pcs or 2pcs then combine to a 1sqm display screen. Easy for calculation and pricing. LED Rental Display Screen, it is able to be disassembled, built and transported frequently, so the box should be disassembled conveniently in structure design, light in weight and convenient in transportation.

Benefits of Rental LED screen

- * Can be quickly installed, removed and transported easily.
- * Can be shaped differently to meet the site requirements.
- * Cost effective compared to buying an LED screen just for an event.
- * Since rental LED screens are adaptable by nature, they can be fitted to any size the renter wants.
- * It adds dimension and flavor to the event that the renter will be hosting

GOB Technology Applied

The module adopts the national patent technology of GOB (glue on board), Glue surface treatment. Module surface is sealed with glue to better protect the lamp. LED Display is smooth and beautiful, the brightness and chroma are uniform. No color deviation, no falling off LED longer service life, lower service cost.

High Protection Grade

Module surface is sealed with glue to better protect the lamp. Not afraid of collision! Not afraid of water! Not afraid of the dead LED! Full glue coverage, protection grade IP65, ONE screen is multipurpose, saving labor cost.

Concave and Convex

The rental cabinet can be arc joined within $\pm 5^\circ$ and $\pm 10^\circ$ maximally, meet the demand of different arc joining together. Lock of curved joined is compatible with lock of straight joined, meet different joined requirement from customers.

Intelligent color calibration. Saving time and effort

The Intelligent module supports flash correction within one second, Power box and module are interchangeable, saving time and maintenance cost. The exchange of power box and module is due to modular design, the maintenance is simple and convenient

Indoor and Outdoor Brightness

For indoor projects, 800-1200nits brightness is enough, while outdoor LED display modules as expose in sun, high brightness >4500 nits is required. For some indoor installation, but face to windows that has direct sunlight, also need to use high brightness but not waterproof.

Front maintenance

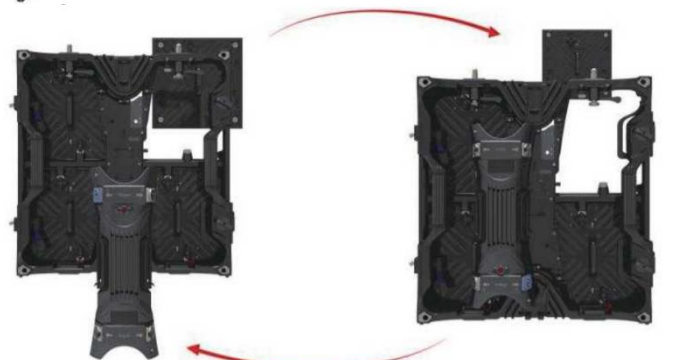
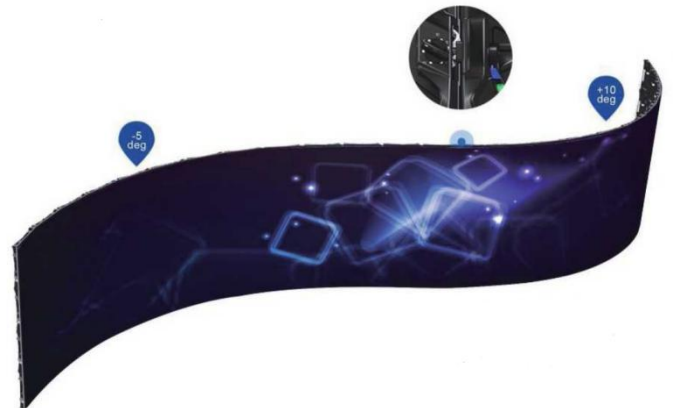
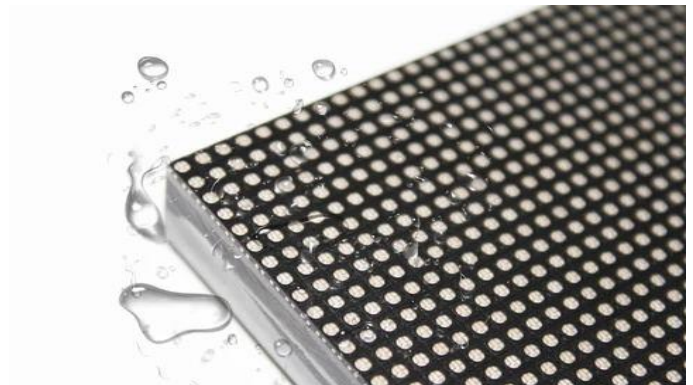
Complete back/front maintenance, fast maintenance in different location, also ensure its flatness, convenient usage.

Large viewing angle

Viewing angle reach more than 160° and provide multidimensional effect consistent, clear and natural viewing experience.

Fixing and Installing of Rental LED Display

- * Hanging Installation
- * Wall Mount Installation
- * Standing On The Floor Installation

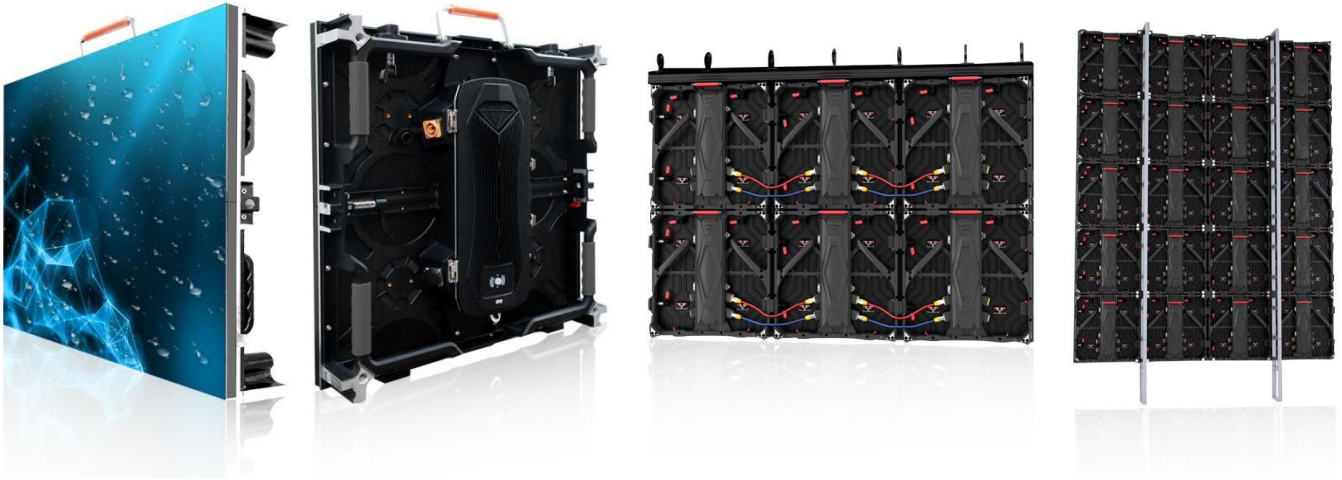


Hanging Installation

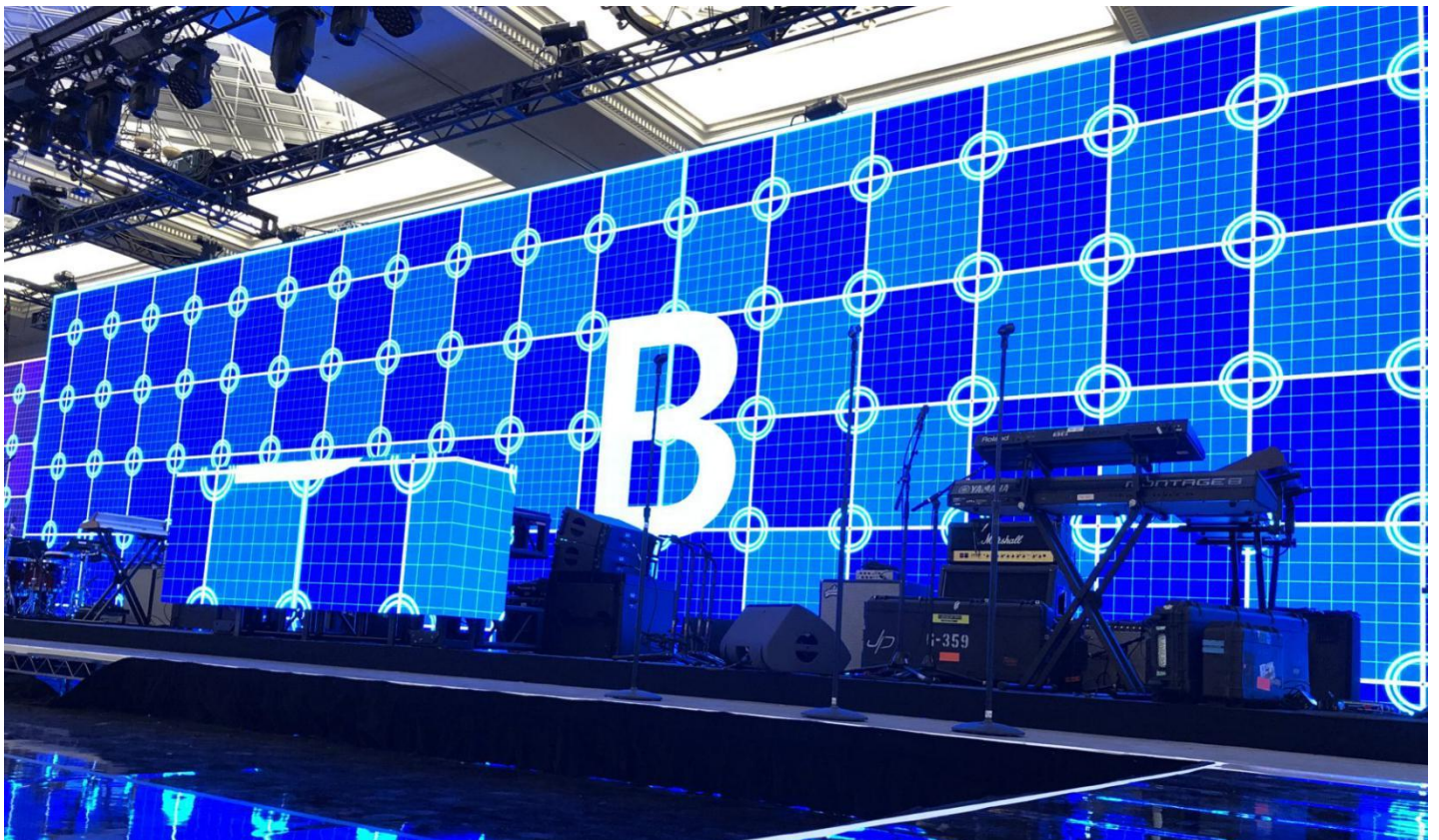


Floorstanding Installation

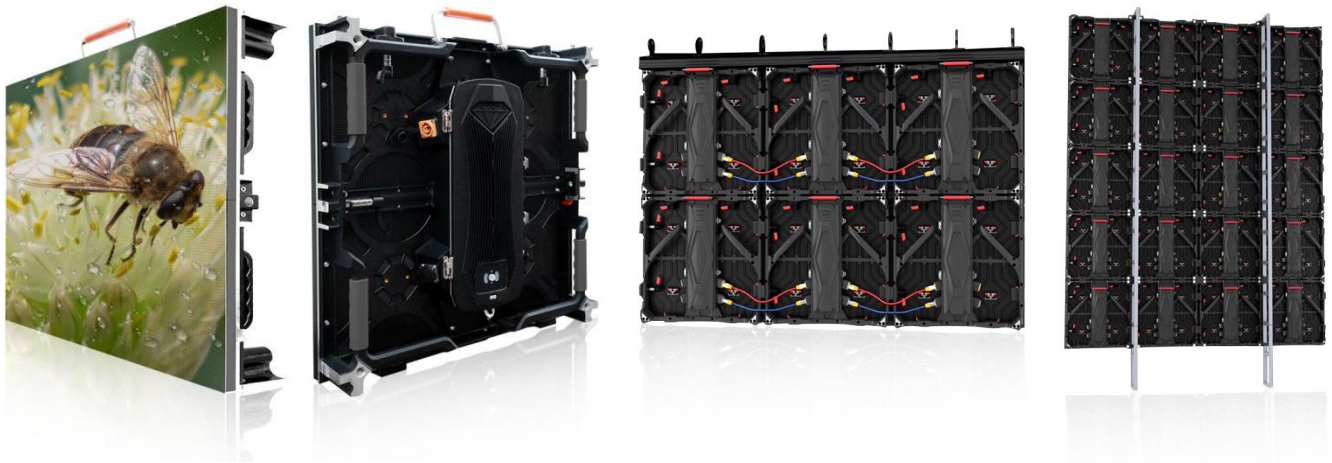
Tour TG Series / Indoor, GOB Protected LED Surface / Rental LED Display



SKU	Pixel Pitch	Cabinet Size-LxW	Cabinet Resolution	Cabinet Pixel	Cabinet QTY./m ²	Pixel Density	View Distance	LED	Brightness	Power Consumption	IP Grade
TG1.95	1.95mm	500x500mm	256x256	65,536dots	4	262,144 dots/m ²	>2m	SMD1515	800nits	Max.160W, Avg.60W	IP54
TG2.6	2.6mm	500x500mm	192x192	36,864dots	4	147,456 dots/m ²	>2.5m	SMD1515	800nits	Max.160W, Avg.60W	IP54
TG2.9	2.97mm	500x500mm	168x168	28,224dots	4	112,896 dots/m ²	>3m	SMD1515	800nits	Max.160W, Avg.60W	IP54
TG3.9	3.91mm	500x500mm	128x128	16,384dots	4	65,536 dots/m ²	>4m	SMD2121	800nits	Max.160W, Avg.60W	IP54



Tour TGO Series / Outdoor, GOB Protected LED Surface / Rental LED Display



SKU	Pixel Pitch	Cabinet Size-LxW	Cabinet Resolution	Cabinet Pixel	Cabinet QTY./m ²	Pixel Density	View Distance	LED	Brightness	Power Consumption	IP Grade
TGO2.6	2.6mm	500x500mm	192x192	36,864dots	4	147,456 dots/m ²	>2.5m	SMD1921	4500nits	Max.160W, Avg.60W	IP65
TGO2.9	2.97mm	500x500mm	168x168	28,224dots	4	112,896 dots/m ²	>3m	SMD1921	4500nits	Max.160W, Avg.60W	IP65
TGO3.9	3.91mm	500x500mm	128x128	16,384dots	4	65,536 dots/m ²	>4m	SMD1921	4580nits	Max.160W, Avg.60W	IP65
TGO4.8	4.81mm	500x500mm	104x104	10,816dots	4	43,264 dots/m ²	>5m	SMD1921	4500nits	Max.160W, Avg.60W	IP65



LED Poster Display

LED Digital Poster Display

The LED Poster Display makes your ads be eye-catching which is widely installed in store, shopping mall, hall, bus station, etc. Thin & Light Design, ultra-thin profile allows for easy placement; Easy to operate via Network or USB updates make content change-out; Optional installation solutions include ceiling hanging, floor standing, and wall mounting.

Splicable by multiples

Multiples can be spliced together into a large display screen. The built-in controller can satisfy splicing of 1-6 units. If more than 6 units require update the controller.

Synchronous or asynchronous controllable

Wi-Fi/cable connection available, fast publishing via mobile phone App and PC. You can load the program through wifi/usb/Lan. HDMI input is also available if required. The built-in storage capacity supports almost all video and image formats. This function is available for all the LED Poster Display product in this page.

Creative Set-up

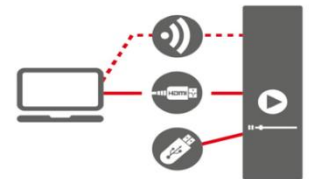
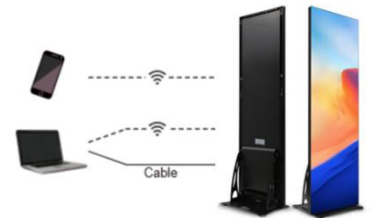
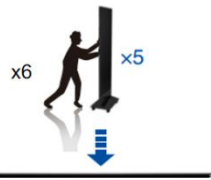
Synchronized playback of Video Content enables multiple Poster LED to be mounted in many different ways play a synchronized video across all.

Mirror-liked Surface, Acrylic Cover Protected

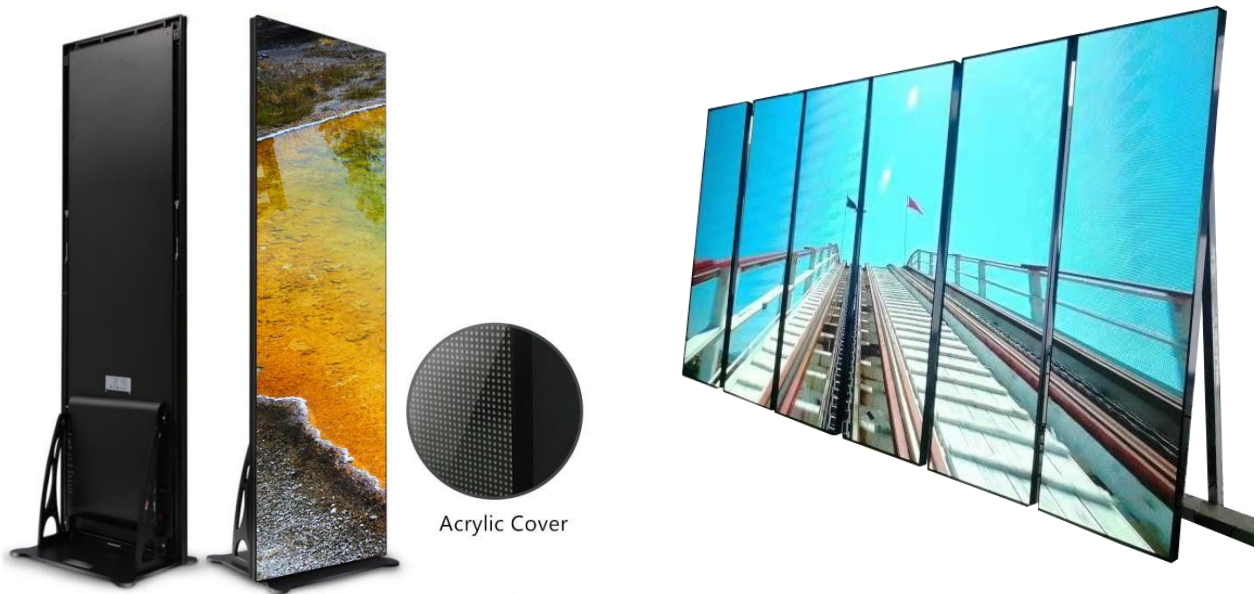
The EP series with Mirror-like acrylic protective cover at front that can protect from dust, water, and attack. The front surface is IP65 Waterproof rated, but this EP series is not fit for outdoor use.

Fixing and Installing of LED Digital Signage

For the installation of LED poster screen, there are various ways: Floor Stand LED poster screen, wall-mounted LED poster screen, hanging LED poster screen and double-sided display LED poster screen, we all have corresponding LED display solutions.



EP Series / Indoor, Acrylic Cover Protected LED Surface / LED Poster Display



SKU	Pixel Pitch	Display Area (WxH)	Poster Resolution	Poster Pixels	View Distance	LED	Brightness	Power Consumption	IP Grade
EP1.8S	1.8mm	480x1920mm	344x774	266,256dots	>2m	SMD1515	800nits	Max.480W, Avg.150W	IP30
EP2.0S	2mm	480x1920mm	320x720	230,400dots	>2m	SMD1515	800nits	Max.480W, Avg.150W	IP30
EP2.5S	2.5mm	480x192mm	256x576	147,456dots	>2.5m	SMD1515	800nits	Max.480W, Avg.150W	IP30
EP1.8L	1.8mm	640x1920mm	344x1032	355,008dots	>2m	SMD1515	800nits	Max.720W, Avg.220W	IP30
EP1.9L	1.9mm	640x1920mm	336x1008	338,688dots	>2m	SMD1515	800nits	Max.720W, Avg.220W	IP30
EP2.0L	2mm	640x1920mm	320x960	307,200dots	>2m	SMD1515	800nits	Max.720W, Avg.220W	IP30
EP2.5L	2.5mm	640x1920mm	256x768	196,608dots	>2.5m	SMD2121	800nits	Max.720W, Avg.220W	IP30
EP3.0M	3mm	576x1920mm	192x640	122,880dots	>3m	SMD2121	800nits	Max.720W, Avg.220W	IP30

NOTE: All above models are available for mirror style or floor-stand style. And the floor-stand style is also available with movable wheel. And if for wall fixed mounting or pendant mounting need, please advice when ordering.



Transparent LED Display

Transparent LED Display

A Transparent LED Screen is ideal for indoor window displays and are commonly used for reinforcing a brand. To advertise or to inform, these screens are an excellent option for anyone who wishes to display content in style without blocking out light or the view on both sides. It allows designers to offer a screen solution for retail buildings with a focus on glass architecture without detracting from the overall design..

Transparency

Transparent rate up to 75%.

Traditional LED window displays act as a dark wall, so shoppers can't see in, and they block sunlight, so your indoor areas need to rely on unnatural lighting.

The Transparent LED screen allow people by both sides of the display can see each other.

Indoor and Outdoor Brightness

With brightness range from 800nits to 6000nits, the Transparent LED Screens are visible for both indoor and outdoor daylight from a great distance.

Modular Design

The transparent display screen are comes in size 1000x1000, 1000x500mm, or 500x500, which is designed in order to facilitate the LED display screen that constitutes a square meter unit.

Front Access to maintenance

The small LED display modules that are fixed by screws on the Cabinet structure, that can be easily take off for maintain purpose.

Easy set up and installation

Using lightweight engineered aluminum, the Transparent LED Screen is only 8.5-14kgs/sqm. With fast lock / screws, and plug-in connectors, just need to pull and push, then plug and play.

Installation Method

The transparent LED display panels can be fixed mounting, pendant mounting and floor-stand mounting.

Fixed mounting: make the structure with metal square tube, then fix the transparent display cabinet by screws and fastening piece.

Pendant mounting: fix the transparent LED display with the compatible hanging beam unit.

Floor-standing mounting: need to make compatible support.

Customized or Out of Box

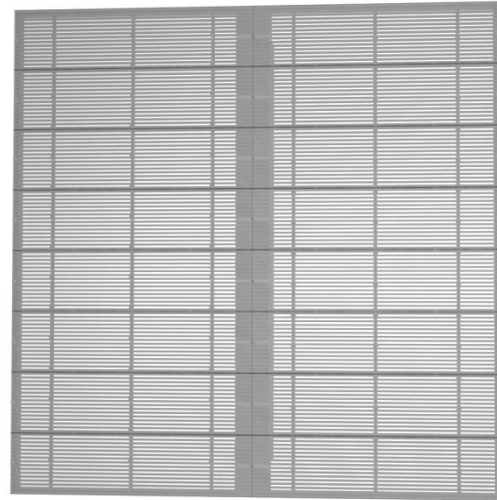
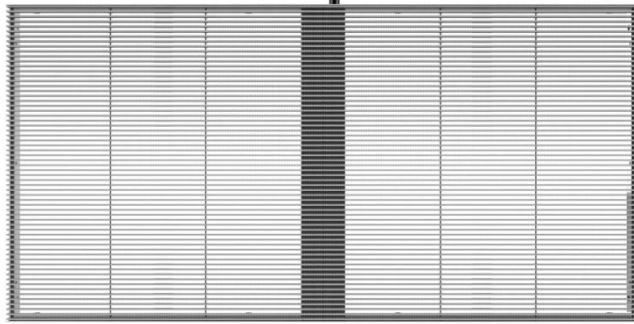
Besides standard size cabinet panels, the Transparent LED display can also be customized to fit abnormal shapes or sizes.

Benefits LED Transparent

- * Video visible in full sunlight and keep transparency
- * See through from the inside as well
- * Easy applied on inside of glass
- * Real live video images in glass
- * No issue with permissions from governments
- * Easy to install and replace LEDs
- * No limits in size
- * Plug and play with PC, server, or others
- * Any file can be visualized mp4, 3D, 2D, videos, in HD

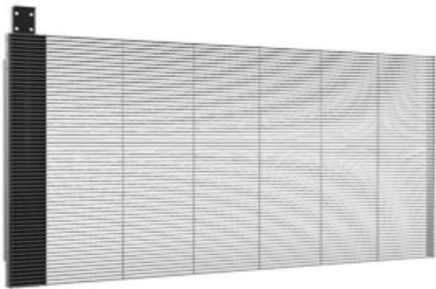


aClear series / Indoor, Thin Aluminum Profile Cabinet / Transparent LED Display



SKU	Pixel Pitch	Cabinet Size	Poster Pixels	Transparency	LED	Brightness	Power Consumption	IP Grade
HKaC-P3/7-LA	3.91x7.81	500x500mm	8192dots	62%	SMD2121	1500nits	Max.800W, Avg.240W	IP30
HKaC-P3/7-HA	3.91x7.81	500x500mm	8192dots	62%	SMD1921	4500nits	Max.800W, Avg.240W	IP30
HKaC-P3/7-LB	3.91x7.81	1000x500mm	16384dots	62%	SMD2121	1500nits	Max.800W, Avg.240W	IP30
HKaC-P3/7-HB	3.91x7.81	1000x500mm	16384dots	62%	SMD1921	4500nits	Max.800W, Avg.240W	IP30
HKaC-P3/7-LC	3.91x7.81	1000x1000mm	32768dots	62%	SMD2121	1500nits	Max.800W, Avg.240W	IP30
HKaC-P3/7-HC	3.91x7.81	1000x1000mm	32768dots	62%	SMD1921	4500nits	Max.800W, Avg.240W	IP30
HKaC-P3/7-SB	3.91x7.81	1000x500mm	16384dots	82%	SMD3510	6000nits	Max.800W, Avg.240W	IP30
HKaC-P3/7-SC	3.91x7.81	1000x1000mm	32768dots	82%	SMD3510	6000nits	Max.800W, Avg.240W	IP30

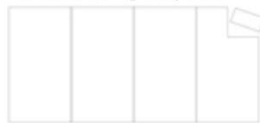




Product Introduction

LED Transparent Screen for Shop Glass Window, adopt the frameless Transparent LED display modular designed. It's designed for stores with big glass door or window. The standard modular size is 1000x500mm, can combine to different sizes, the regular finsized size are 2000x2500mm.

Modular Designed | Free DIY



Intelligent Could Control | App Controlled



No Blocking Light | 82% Transparency Ratev



Wide Beam Angle | Up to 160°



Vivid Colors | High Contrast and Refresh Ratio



5000:1 3840HZ

Application



Parameters

Pixel Pitch	3.91-7.81mm
Pixel Density	22528
LED	3510
Brightness	>5000nits
Refresh Rate	3840HZ
Average Power	240 W/m ²
Max Power	800 W/m ²
IP Grade	IP30
Weight	7kgs/m ²

Irregular Shaped Transparent LED Display Screen

Irregular Shaped Transparent LED display screen

Accept Custom Works for All Irregular Shaped LED display screens:

Cylindric LED Display

Circular LED Display

Cubic LED Display

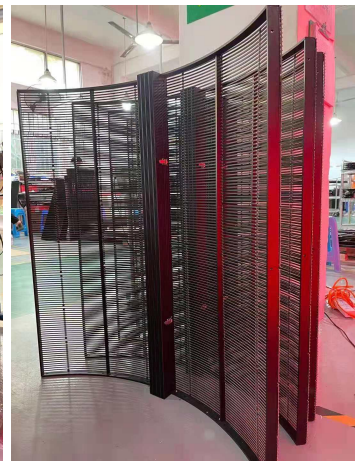
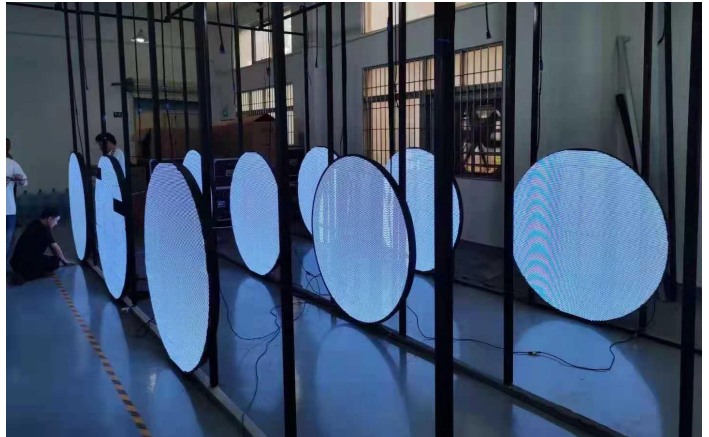
Sphere LED Display

How to Start to Customize Your LED Display

Step 1: Provide your desired LED display drawing, we need to know the shape and detailed dimension. Also we need to know the what pixel pitch and how will you install the LED display.

Step 2: Once we get enough information, our engineer will analyse and give solution about how to realize. Like what shapes of modules will need; how many of each shape; how many module PCB would need to make; and program budget.

Q. S. If there is difficulty to realize a desired LED display from clients, our team will provide a viable alternative solutions. In a word, we will do the best to help clients to achieve results by the most economically feasible way.



Outdoor Transparent LED Mesh Display

Outdoor Transparent LED Mesh

oClear Series transparent LED Mesh display that can be placed in or outside a glass window without sacrificing natural light in your space. LED Mesh outdoor facade is durable, lightweight, and can make any custom shape! Standard LED mesh mainly used for the big outdoor area where high resolution is not necessarily required.

Transparency

Transparent rate up to 70%. Traditional LED window displays act as a dark wall, they block sunlight, so your indoor areas need to rely on unnatural lighting.

Waterproof IP65 Rated with Outdoor Brightness

Designed for outdoor use with brightness range from 3000nits to 10000nits, the Transparent LED Mesh Screens are visible for both indoor and outdoor daylight from a great distance.

Modular Design

The transparent display screen are comes in size 1000x1000, 1000x500mm, or 1500x250, which is designed in order to facilitate the LED display screen that constitutes a large screen.

Front Access to maintenance

The small LED display modules that are fixed by screws on the Cabinet structure, that can be easily take off for maintain purpose.

Easy set up and installation

Using lightweight engineered aluminum, the Transparent LED Screen is only 11-14kgs/sqm. With fast lock / screws, and plug-in connectors, just need to pull and push, then plug and play.

Installation Method

The transparent LED Mesh display panels can be fixed mounting, pendant mounting.. Fixed mounting: make the structure with metal square tube, then fix the transparent display cabinet by screws and fastening piece.

Customized or Out of Box

Besides standard size cabinet panels, the Transparent LED display can also be customized to fit abnormal shapes or sizes.

oClear Outdoor / Pro Series / Transpare

Lightweight



Easy to Carry

Aluminum frame at 17kg/m². Almost 60% lighter than traditional cabinets. Greatly reduces load-bearing requirements on buildings and steel structures.

Slim

Slim Design

The thickness of the screen is only 85mm, which saves space and makes the building simple and beautiful.



Transparent

High Transparency

- Transparency rate: 66.7%.
- Let in air without light, transparent and diversified design.
- Use air convection to dissipate heat without air conditioning.



Easy

Slimmest And Most Transparent

Light:
The lightest products of this series is only 10.9kg/sqm which is 78% less than traditional product(50kg/sqm). So the whole body of the screen will bear much less weight.
Thin : The thinnest product of this series is only 65mm which is 63% less than traditional products(180mm), so it can blend into the building better.



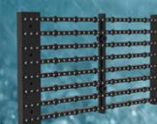
Transparent:
The highest transparent ratio can reach 70%. So the screen stand less pressure by the wind and the air conditioner will be unnecessary. Besides, the screen will work silently and offer better lighting for the building.

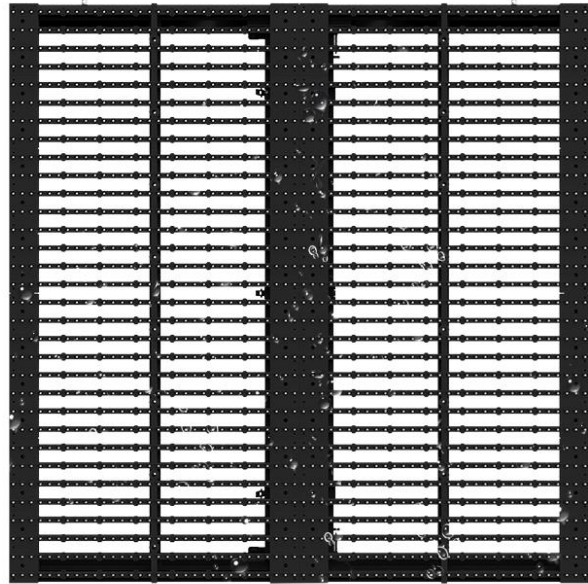
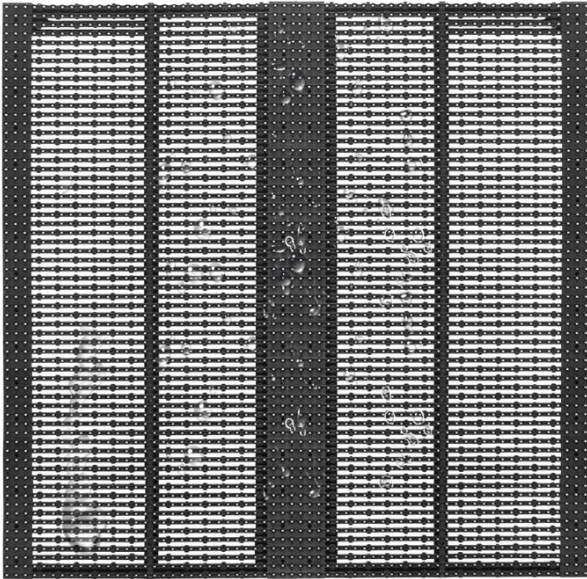


High protection level

Front and rear IP65

Meet outdoor -40°C~60°C various working environments

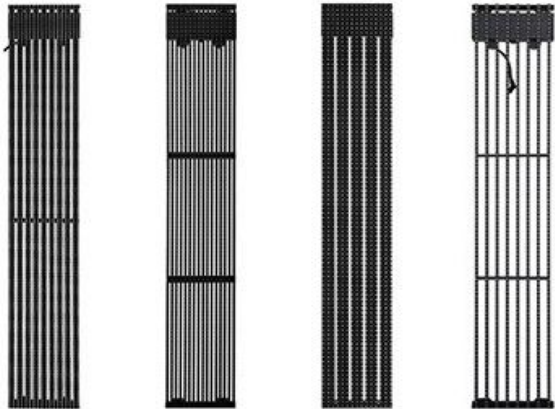




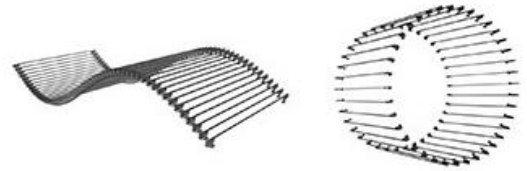
Part #	HKoC-Pro15/15	HKoC-Pro15/31
Pixel Configuration	DIP570	DIP570
Pixel Pitch (mm)	15.6x15.6	15.625X31.25
Pixel matrix per panel	64x64	64X32
Cabinet Dimensions (LxWxH) (mm)	1000X1000X85	1000X1000X85
Module Dimensions (LxWxH) (mm)	500X250X25	500X250X25
Transparency Rate	\	66.70%
Panel material	Aluminum profile	Aluminum profile
Cabinet weight (kg/panel)	23	17
Gray Scale per Color (level)	16384	16384
Refresh Rate (Hz)	1920	1920
Brightness (nits)	7000	7000
Optimal Horizontal Viewing Angle (°)	110	110
Optimal Vertical Viewing Angle (°)	55	55
IP rating (Front/Rear)	IP65	IP65
Cabinet installation type	Fix	Fix



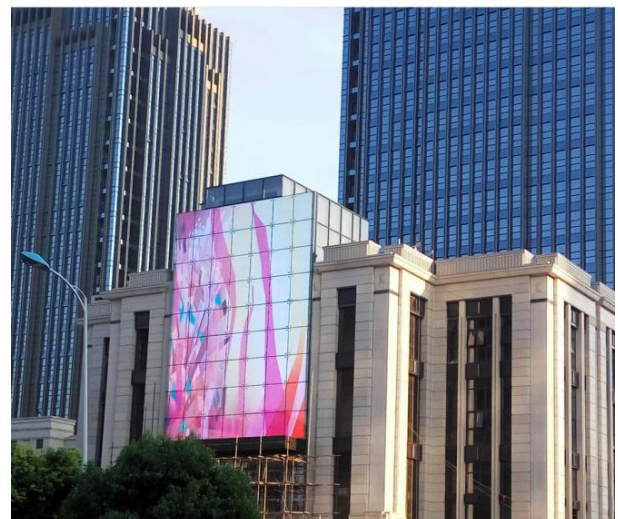
oClear Outdoor / BP Series / Transparent LED Mesh



Perfectly blend into building
Looks like a part of building



Part #	HKoC-BP1013	HKoC-BP1515	HKoC-BP1531	HKoC-BP1616	HKoC-BP15X	HKoC-BP31X
Pixel Configuration	DIP570	DIP570	DIP570	DIP570	DIP570	DIP570
Pixel Pitch (mm)	10.4X13.8	15.6X15.6	15.625X31.25	16.6X16.6	15.625	31.25
Pixel matrix per panel	144X18	96X16	96X8	90X15	\	\
Cabinet Dimensions (mm)	1500X250X66	1500X250X70	1500X250X65	1500X250X68	\	\
Module Dimensions (mm)	\	\	\	\	1500X15X80	1500X18X80
Transparency Rate	17.20%	45.00%	70.00%	16.00%	\	\
Cabinet weight (kg/panel)	9.2	6.9	4.1	7.8	0.5	0.48
Gray Scale per Color (level)	16384	65536	65536	16384	65536	65536
Refresh Rate (Hz)	1920	1920	1920	1920	1920	1920
Brightness (nit)	6500	7000	6000	7000	5000	3000
Horizontal Viewing Angle (°)	110	110	110	110	110	110
Optimal Vertical Viewing Angle (°)	55	55	55	55	55	55
IP rating (Front/Rear)	IP65/IP65	IP65/IP65	IP65/IP65	IP65/IP65	IP65/IP65	IP65/IP65



LED Floor Display

TITAN LED Floor Display

Floor LED display use durable cabinet structure, high wear resistance resin mask, so you can put it on the ground and walk on it. The overall seal design, IP65 waterproof, quick dis-assembly of the modular design , they makes install and maintain be simpler. The product in the application add virtual software interactive technology, which becomes an interactive stage performance, or an eye-catching LED dance floor will deliver a unique experience to your complete team and customers.

APPLICATIONS

Floor LED display widely used in hall, square, showroom, stage, bar, shopping malls, catwalks. It can be used for fixed installation and rental events.

SMART DESIGN

Module Structure, Seamlessly Create, Height Adjustable.
 Made by 250x250mm LED modules. One 1000x500mm cabinet is Combined by 8pcs of the LED Module.
 Be able to custom-make into other cabinet size: 500x500mm.
 Other customized sizes in 250mm,750mm.

HIGH BRIGHTNESS

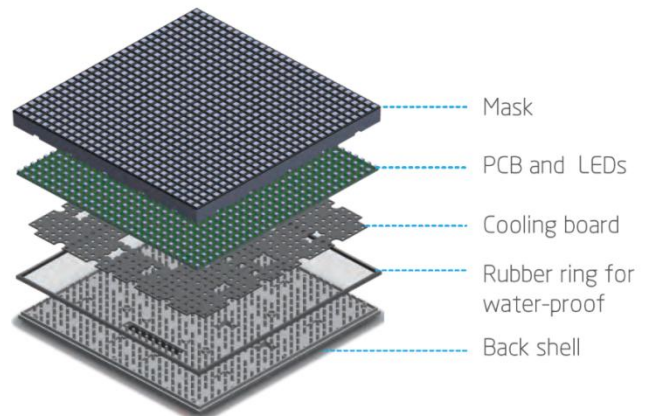
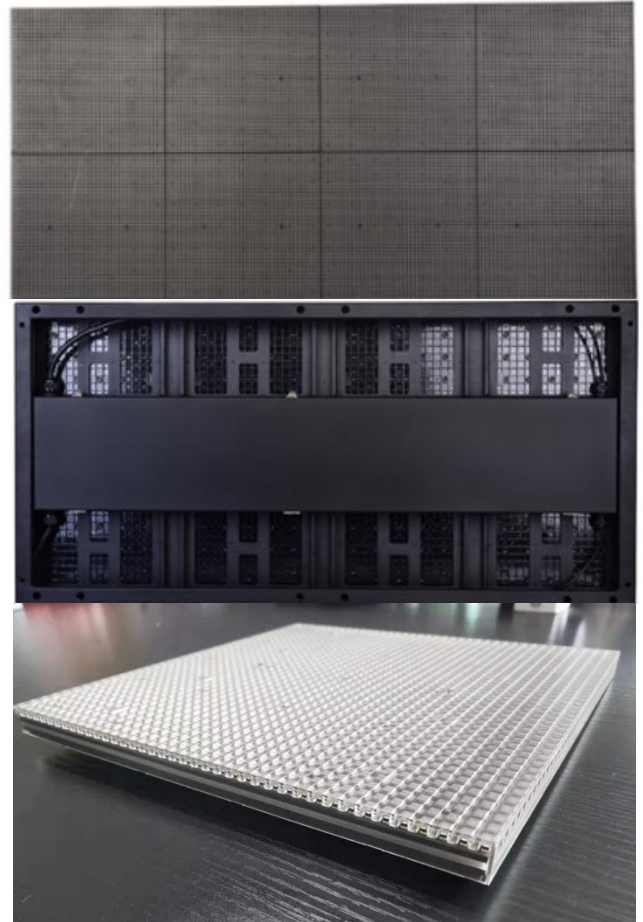
Indoor screen reach up 2000nits, Outdoor screen reach up 4500nits
 Colorful and vivid display effect, good quality SMD chip, bigger beam angle, better watched effect.

HIGH COLOR REPRODUCTION

VGA synchronization technology, screen display content is the same with computer, easy to change the display videos or pictures.

SUPER HIGH WEIGHT BEARING CAPACITY

Super high weight bearing capacity which can easily support a car driving though them. With durable PC cover, weight bearing capacity of one cabinet as high as 1500KG, one square meter will be up to 2T.



Interactive LED floor screen

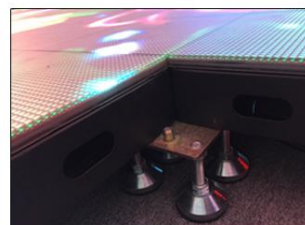
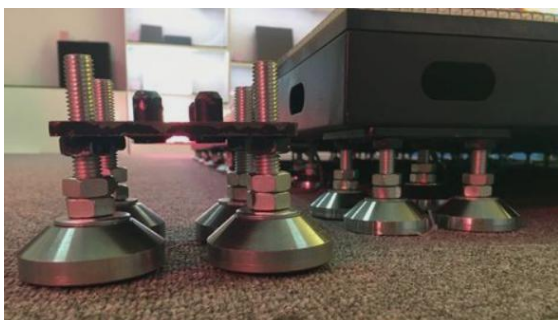
Required elements to get an interactive LED screen:

- A. Interactive Floor LED tiles.
- B. Integrated sensors into floor LED mask tiles.
- C. Nova interactive control box
- D. Video processor
- E. Windows computer.
- F. Programs (Display Materials) / Games

A,B,C,D,E we will provide in complete solution according to your project. While E we recommend you prepare at local. The F (programs / games) Is charges collectable, if need, contact us for costs. 25pcs interactive demo display contents will provide freely.

INSTALLATION

- A. Regular Installation (with the supporting pedestal included, height can be adjusted freely.)
- B. Stand Installation (need extra steel structure and fastener piece)



Joint for 3 Cabinets



Joint for 2 Cabinets



Joint for Cabinet at edge



Joint for 1 Cabinets

TITAN Series / LED Floor Display Screen / Ind



Item	Application	Part #	Pixel Pitch	Cabinet Size (MM/W*H)	Pixel Intensity (Dot/M ²)	Brightness (nits)	Max. Power (W/M ²)	Avg.Power (W/M ²)
Non-interactive LED Floor Screen	Indoor	SN-3.91	3.91mm	1000X500	65410	>2000nits	800W	400W
		SN-4.81	4.81mm	1000X500	43222	>2000nits	800W	400W
		SN-6.25	6.25mm	1000X500	25600	>2000nits	800W	400W
	Outdoor	SW-3.91	3.91mm	1000X500	65410	>4500nits	800W	400W
		SW-4.81	4.81mm	1000X500	43222	>4500nits	800W	400W
		SW-6.25	6.25mm	1000X500	25600	>4500nits	800W	400W
Intelligent Interactive LED Floor screen	Indoor	HDSN-3.91	3.91mm	1000X500	65410	>2000nits	800W	400W
		HDSN-4.81	4.81mm	1000X500	43222	>2000nits	800W	400W
		HDSN-6.25	6.25mm	1000X500	25600	>2000nits	800W	400W
Intelligent Interactive LED Floor screen	Outdoor	HDSW-4.81	4.81mm	1000X500	43222	>4500nits	800W	400W
		HDSW-6.25	6.25mm	1000X500	25600	>4500nits	800W	400W

Notes: The screen is made by 250x250mm LED display modules, so can custom-make it to smaller size, like 500x500mm, 250x1000mm, etc. 24.1kgs/cabinet. The interactive function, if need [radar sensor](#), different solution from the intelligent interactive, please contact us.



Huake

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