DIAMOND
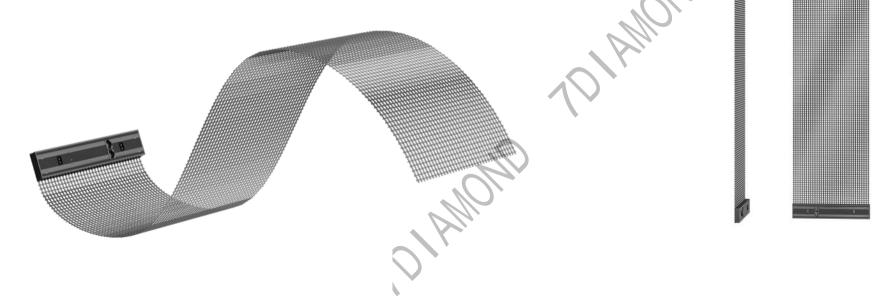
LED holographic invisible screen

Thin, light and highly transparent, it can be cut at will and directly fit the glass surface, which is full of technology.

LED holographic screen adopts frameless design, thin and beautiful, the thickness of the screen is less than 2MM, can be bent, can be cut, flexible and skillful, just like a large "film", directly pasted on the glass. The lamp beads are driven by lamp drive integration, with low dead lamp rate, high refresh rate, good playback effect, high-quality materials, high-standard craftsmanship and ingenious design, and the whole screen is truly transparent. True 16BIT color management system, high transparency, color display, when the screen is lit, you can't see the back of the screen, and when the screen is turned off, it doesn't affect the lighting. The highest pass rate is 75%, which does not affect the lighting. When the display plays videos, there is a 3D effect. The thickness of the LED holographic screen screen is less than 2mm, and the weight per square meter is only 3kg. The installation does not require much endurance, and it is widely used in various occasions. It can be customized according to the customer'S on-site requirements to achieve R > 600mm arc installation to meet creative applications such as curved angle screens, cylinders and S-shaped inner and outer arcs.

LED Holographic Screen Introduction

➢ **Light (3KG/㎡), thin (0.8 mm), transparent, versatile shape**

Beautiful appearance and simple installation are the biggest trends of Guoxin's LED holographic screen film screens. The LED holographic screen film screen developed by Guoxin is committed to meeting the needs of global LED film screens. It uses our company's specific bare chip to combine components. It is fixed on a highly transparent PCB board, and the display module is integrated into a highly transparent optical lens substrate that can emit light display through a unique glue cover process.

➢ **Safe and reliable, strong compatibility**

Fully consider the system's requirements for information security, ensure the safe and reliable operation of all kinds of information and systems in the multimedia cloud, and put an end to all leaks and ultra vires operations. The system can access various professional multimedia platforms and databases, and can seamlessly access private cloud.

➢ **Forward-looking products, international leading level**

LED holographic naked-eye 3D film screen is a high-end product developed by Guoxin Optoelectronics that breaks the conventional LED display screen. Guoxin Optoelectronics focuses on the field of transparent display, boldly innovates, breaks traditional thinking, and invests heavily in research and development. From the architecture and functional design of IC bare crystal, LED bracket, LED packaging and electronic circuit design, it has the master control right. At present, it has the world's leading patented technology of zero code, dozens of inventions and practical patented technologies related to film screens.

LED Holographic Screen-Technical Parameters

产品型号/Model	GX-PH2.5	GX-PH3.508	GX-PH3.91	GX-PH5	GX-PH6.25	GX-PH7.82	GX-PH10	GX-PH15.625	GX-PH20
物理点间距Pixel pitch单位: mm	2.5	3.5mm	3.91mm	5mm	6.25mm	7.82mm	10mm	15mm	20mm
灯珠型号Lamp bead model	1010 lamp drive integration	1515 lamp drive integration	1717/2121 lamp drive integration	2121 lamp drive integration	2121 lamp drive integration	2121 lamp drive integration	2121 lamp drive integration	2121 lamp drive integration	2121 lamp drive integration
发光点颜色color	1R1G1B	1R1G1B	1R1G1B	1R1G1B	1R1G1B	1R1G1B	1R1G1B	1R1G1B	1R1G1B
像素密度pixel density单位px/㎡	160000px/㎡	81225px/㎡	65536px/㎡	40000px/㎡	25600px/㎡	15625px/㎡	10000px/㎡	4096px/㎡	2500px/㎡
模组尺寸Module Size	1500mm*160mm	1500mm*224mm	1500mm*250mm	1500mm*250mm	1500mm*250mm	1500mm*250mm	1500mm*250mm	1500mm*250mm	1500mm*240mm
通透率Tranparency	70%	80%	85%	88%	90%	95%	95%	95%	98%
刷新率refresh rate单位hz	≥3840	≥3840	≥3840	≥3840	≥3840	≥3840	≥3840	≥3840	≥3840
重量Weight单位kg/㎡	2kg/㎡	2kg/㎡	2kg/㎡	2kg/㎡	2kg/㎡	2kg/㎡	2kg/㎡	2kg/㎡	2kg/㎡
最大视角 viewing angle	160°	160°	160°	160°	160°	160°	160°	160°	160°
供电电压(V) Supply Voltage	5	5	5	5	5	5	5	5	5
平均功耗(单位w/㎡) Average Power	≤300w/㎡	≤240w/㎡	≤240w/㎡	≤240w/㎡	≤240w/㎡	≤240w/㎡	≤240w/㎡	≤200w/㎡	≤120w/㎡
最大功耗(单位w/㎡) Maximum power consumption	≤800w/㎡	≤800w/㎡	≤800w/㎡	≤800w/㎡	≤800w/㎡	≤800w/㎡	≤800w/㎡	≤600w/㎡	≤400w/㎡
白平衡亮度(单位cd/㎡) White balanced brightness	≤5000cd/㎡	≤5000cd/㎡	≤5000cd/㎡	≤5000cd/㎡	≤5000cd/㎡	≤5000cd/㎡	≤5000cd/㎡	≤5000cd/㎡	≤5000cd/㎡
工作温度℃ operation temperature	-22℃-55℃	-22℃-55℃	-22℃-55℃	-22℃-55℃	-22℃-55℃	-22℃-55℃	-22℃-55℃	-22℃-55℃	-22℃-55℃
驱动方式Driving mode	Static	Static	Static	Static	Static	Static	Static	Static	Static
平均无故障时间 mean time between failures	≥6500	≥6500	≥6500	≥6500	≥6500	≥6500	≥6500	≥6500	≥6500
寿命/life	100000	100000	100000	100000	100000	100000	100000	100000	100000
防护等级 Protection class	IP43	IP43	IP43	IP43	IP43	IP43	IP43	IP43	IP43

The LED film screen thickness is only 3mm and weighs less than 3.5 kg per square meter. The design is simplified, the power supply and receiving card are stored on the card box, and connected by the air plug-in cable, which is beautiful and elegant. Perfect fit for a variety of installation occasions. Suitable for various installation environments, it supports single lamp continuous transmission, and the failure of a single lamp will not affect the normal operation of subsequent lamp beads. The light transmittance can reach 90%. Support 2 * N frameless splicing, no block in the middle, no frame blocking the line of sight, perfect imaging. It can be directly pasted on the glass, or fixed by corner code, without installing brackets, which is beautiful and generous and saves costs.
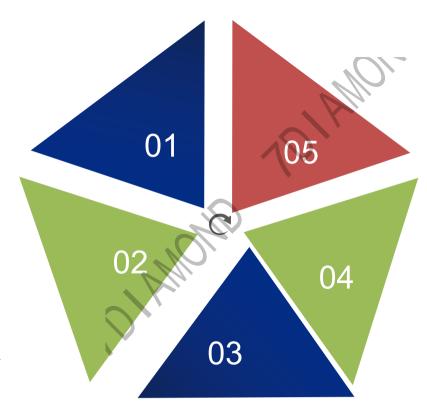
LED Film Screen-Product Introduction

Ultra thin and ultra light

LED film screen thickness 3-6mm
Film screen weight 3KG/㎡

Supports cutting and strong flexibility

It can be cut to the desired size
Any curvature of glass/wall can be attached.

Save on installation costs

No steel frame structure is needed, no need to change the appearance of the building, and transportation and installation costs are effectively reduced.

High permeability and easy installation

It can reach up to 95% permeability, which does not affect daily lighting. Just stick the film screen lightly, and then connect the signal and power supply.

Breakpoint-Continuingly

The light-emitting chip adopts micron-scale light-emitting source and adopts a four-in-one package. There are no other electronic devices except LED lamp beads. The scheme of resuming transmission at breakpoint is adopted, and the normal display of other lamp beads will not be affected if a single point is broken.

01
05
02
04
03

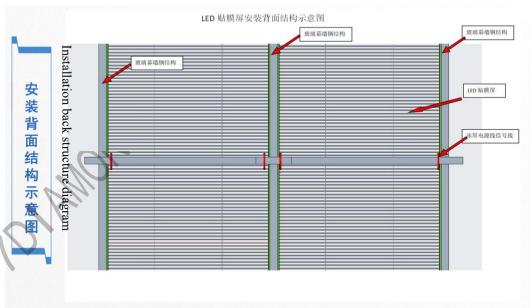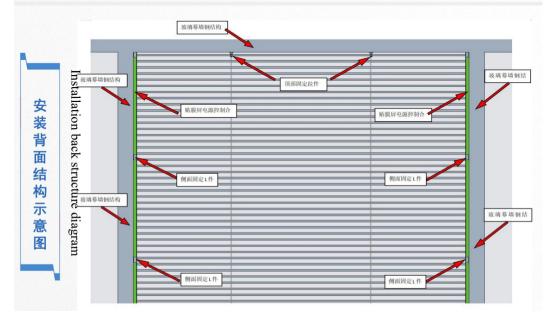# LED Film Screen-Installation Structure Diagram

Not powered Back effect picture

LED 贴膜屏安装背面结构示意图

安装背面结构示意图
Installation back structure diagram

玻璃幕墙钢结构
玻璃幕墙钢结构
玻璃幕墙钢结构
LED 贴膜屏
冰屏电源线信号线

安装背面结构示意图
Installation back structure diagram

玻璃幕墙钢结构
顶部固定拉件
玻璃幕墙钢结
玻璃幕墙钢结构
贴膜屏电源控制合
贴膜屏电源控制合
侧面固定L件
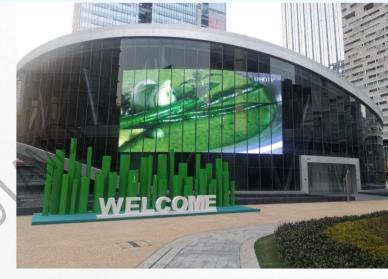侧面固定L件
玻璃幕墙钢结构
玻璃幕墙钢结
侧面固定L件
侧面固定L件

LED Film Screen-Power-on Renderings

Back side effect picture without power supply

未通电　背面效果图片

Front side effect picture

正面显示效果图片

Back side effect picture with power supply

通电　背面效果图片

Front side effect picture

正面显示效果图片

LED Film Screen-Technical Parameters

产品型号/Model	GX-PH4-8	GX-PH5-10	GX-PH6.5	GX-PH8	GX-PH10	GX-PH16	GX-PH20	GX-PH30
物理点间距Pixel pitch单位: mm	4mm-8mm	5mm-10mm	6.5mm-6.5mm	8mm-8mm	10mm-10mm	16mm-16mm	20mm-20mm	30mm-30mm
灯珠型号Lamp bead model	2121 lamp drive integration	2121 lamp drive integration	2121 lamp drive integration	2121 lamp drive integration	2121 lamp drive integration	2121 lamp drive integration	2121 lamp drive integration	2121 lamp drive integration
发光点颜色color	1R1G1B	1R1G1B	1R1G1B	1R1G1B	1R1G1B	1R1G1B	1R1G1B	1R1G1B
像素密度pixel density单位px/㎡	31250px/㎡	20000px/㎡	23670px/㎡	15625px/㎡	10000px/㎡	3906px/㎡	2500px/㎡	1024px/㎡
模组尺寸Module Size	1500mm*256mm	1500mm*320mm	1500mm*208mm	1500mm*256mm	1500mm*320mm	1500mm*256mm	1500mm*320mm	1500mm*480mm
通透率Tranparency	65%	68%	55%	60%	70%	80%	85%	88%
刷新率refresh rate单位hz/㎡	≥3840	≥3840	≥3840	≥3840	≥3840	≥3840	≥3840	≥3840
重量Weight单位kg/㎡	3.5kg/㎡	3.5kg/㎡	3.5kg/㎡	3.5kg/㎡	3.5kg/㎡	3.5kg/㎡	3.5kg/㎡	3.5kg/㎡
最大视角 viewing angle	160°	160°	160°	160°	160°	160°	160°	160°
供电电压(V) Supply Voltage	5	5	5	5	5	5	5	5
平均功耗(单位w/㎡) Average Power	≤300w/㎡	≤300w/㎡	≤300w/㎡	≤300w/㎡	≤300w/㎡	≤220w/㎡	≤200w/㎡	≤180w/㎡
最大功耗(单位w/㎡) Maximum power consumption	≤800w/㎡	≤800w/㎡	≤800w/㎡	≤800w/㎡	≤800w/㎡	≤800w/㎡	≤800w/㎡	≤800w/㎡
白平衡亮度(单位cd/㎡) White balanced brightness	≤5000cd/㎡	≤5000cd/㎡	≤5000cd/㎡	≤5000cd/㎡	≤5000cd/㎡	≤5000cd/㎡	≤4500cd/㎡	≤300cd/㎡
工作温度℃ operation temperature	-22℃-55℃	-22℃-55℃	-22℃-55℃	-22℃-55℃	-22℃-55℃	-22℃-55℃	-22℃-55℃	-22℃-55℃
扫描方式 Scanning method	Static	Static	Static	Static	Static	Static	Static	Static
平均无故障时间 mean time between failures	≥6500	≥6500	≥6500	≥6500	≥6500	≥6500	≥6500	≥6500
寿命/life	100000	100000	100000	100000	100000	100000	100000	100000
防护等级 Protection class	IP43	IP43	IP43	IP43	IP43	IP43	IP43	IP43

LED transparent screen sizes are 1000MM * 1000MM and 1000MM * 500MM, and the screen colors are commonly black and white. Other sizes and colors can be customized. The PCB with hollow design is adopted, and the whole screen is like a blind composed of LED lights. It is light and transparent, and the front module can be detached, so it is easy to maintain. The maximum pass rate is 80%. The weight of LED transparent screen per square meter is only 6.5 KG, and the installation does not require much endurance. It is widely used in various occasions. The screen size can be customized according to the actual needs of customers, and it can also be made into creative LED displays such as cylinders, rings, and Rubik's Cube transparent screens.

LED transparent screen, as its name implies, is characterized by "transparency". The objective properties of traditional screens, such as opacity and airtightness, have caused many problems such as overweight screen body, poor heat dissipation, complicated structure, high power consumption and abrupt shape, thus giving birth to the "transparent LE D display". It has the characteristics of high transparency and ultra-light weight. Its implementation principle is the micro-innovation of the light bar screen, targeted improvements in the patch manufacturing process, lamp bead packaging, and control system, plus the hollow design structure, which reduces the blocking of the line of sight by structural components and maximizes the perspective effect.

At the same time, it also has a novel and unique display effect. The audience stands at an ideal distance to watch, and the picture looks like it is suspended on the glass curtain wall. LED transparent screen has expanded the application territory of LED display to the two major markets of architectural glass curtain walls and commercial retail windows, which has become a new trend in the development of new media.

Along with the flood of outdoor advertising LED display screens, there are a series of negative problems, including the image of the city. The LE D display screen can indeed light up the city and release information when it is working, but when it is "resting", it seems to be a "scar" of the city, which is out of place with the surrounding environment, greatly affecting the beauty of the city and destroying the landscape of the city.

Due to these problems, the approval of outdoor large screen installation has become more and more cumbersome, and the management of outdoor advertising has become more and more strict. The transparent L E D display not only integrates all the advantages of conventional outdoor high-definition LED displays, but also eliminates urban aesthetic problems to the greatest extent. Because it is mostly installed behind glass curtain walls, even when it is not working during the day, it will not have any impact on the surrounding environment. At the same time, because it adopts a new form of outdoor communication of indoor advertising, it avoids the approval of outdoor advertising well. In addition, with the acceleration of urban construction, glass curtain wall, a high-end building material with high atmosphere, has gradually become popular. Transparent screen hits it off with glass curtain wall because of its thinness, no need for steel frame structure, easy installation and maintenance, and good transparency. When applied to glass curtain wall, it not only has no sense of disobedience, but also adds a special aesthetic feeling to urban buildings because of its fashion, beauty, modernity and technological flavor. Therefore, LED transparent screen has won unanimous recognition in the market and has received widespread attention and enthusiasm.

LED transparent screen is suitable for medium or large area glass curtain wall LED display advertising applications. The module size can be seamlessly spliced according to the glass curtain wall specifications. As long as there is a glass curtain wall, this product can be applied. Such as banks, shopping malls, theaters, commercial streets, chain stores, hotels, municipal public buildings, landmark buildings and so on.

LED Transparent Screen-Technical Parameters
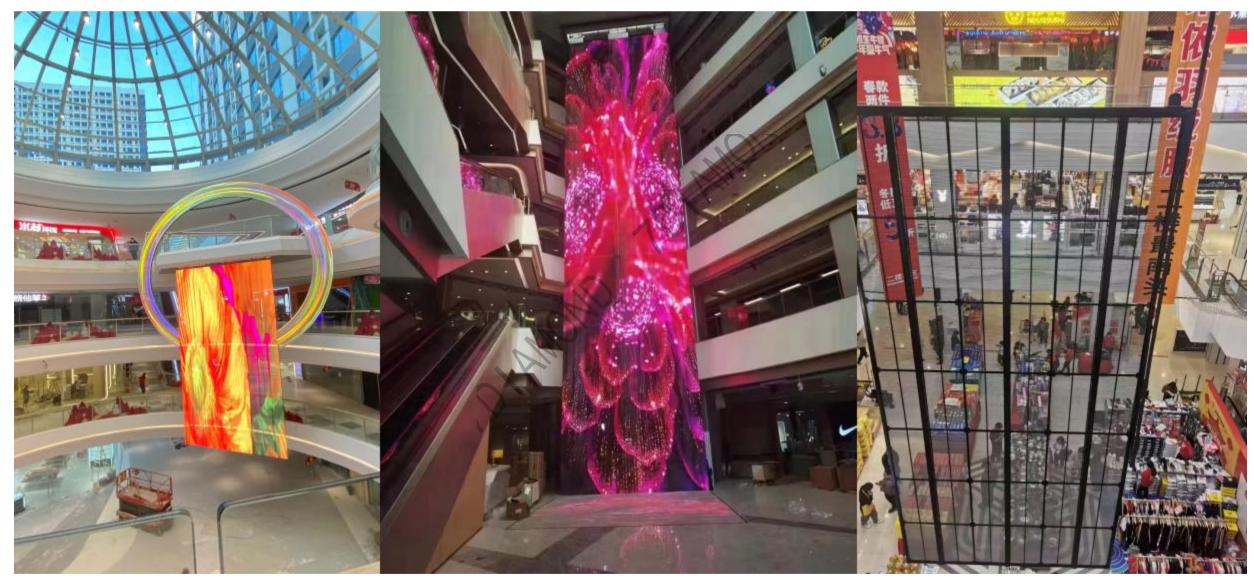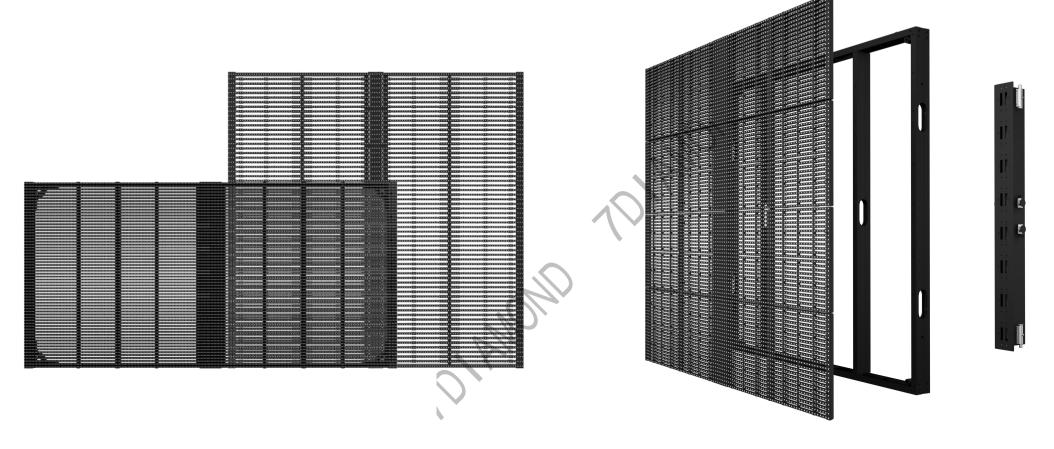
产品型号/Model	GX-PH2.6-5.2	GX-PH2.8-5.6	GX-PH3.125	GX-PH3.91-7.82	GX-PH7.82-7.82	GX-PH10.4
物理点间距Pixel pitch单位: mm	2.6mm-5.2mm	2.8mm-5.6mm	3.125mm-3.125mm	3.91mm-7.82mm	7.82mm-7.82mm	10.4mm-10.4mm
灯珠型号Lamp bead model	1921	1921	1921	1921	1921	3535
发光点颜色color	1R1G1B	1R1G1B	1R1G1B	1R1G1B	1R1G1B	1R1G1B
像素密度pixel density单位px/㎡	73728px/㎡	61952px/㎡	102400px/㎡	32768px/㎡	16384px/㎡	9612px/㎡
模组尺寸Module Size	1000mm*1000mm	1000mm*1000mm	1000mm*1000mm	1000mm*1000mm	1000mm*1000mm	1000mm*1000mm
通透率Tranparency	65%	68%	60%	70%	75%	80%
刷新率refresh rate单位hz/㎡	≥3840	≥3840	≥3840	≥3840	≥3840	≥3840
重量Weight单位kg/㎡	6kg/㎡	6kg/㎡	6kg/㎡	6kg/㎡	6kg/㎡	6kg/㎡
最大视角 viewing angle	160°	160°	160°	160°	160°	160°
供电电压(V) Supply Voltage	5	5	5	5	5	5
平均功耗(单位w/㎡) Average Power	100-300w/㎡	100-300w/㎡	100-300w/㎡	100-300w/㎡	100-300w/㎡	100-300w/㎡
最大功耗(单位w/㎡) Maximum power consumption	300-600w/㎡	300-600w/㎡	300-600w/㎡	300-600w/㎡	300-600w/㎡	300-600w/㎡
白平衡亮度(单位cd/㎡) White balanced brightness	≤5000cd/㎡	≤5000cd/㎡	≤5000cd/㎡	≤5000cd/㎡	≤5000cd/㎡	≤5000cd/㎡
工作温度℃ operation temperature	-22℃-55℃	-22℃-55℃	-22℃-55℃	-22℃-55℃	-22℃-55℃	-22℃-55℃
扫描方式 Scanning method	1/11S	1/11S	1/11S	1/8S	1/4S	1/4S
平均无故障时间 mean time between failures	≥6500	≥6500	≥6500	≥6500	≥6500	≥6500
寿命/life	100000	100000	100000	100000	100000	100000
防护等级 Protection class	IP45	IP45	IP45	IP45	IP45	IP45

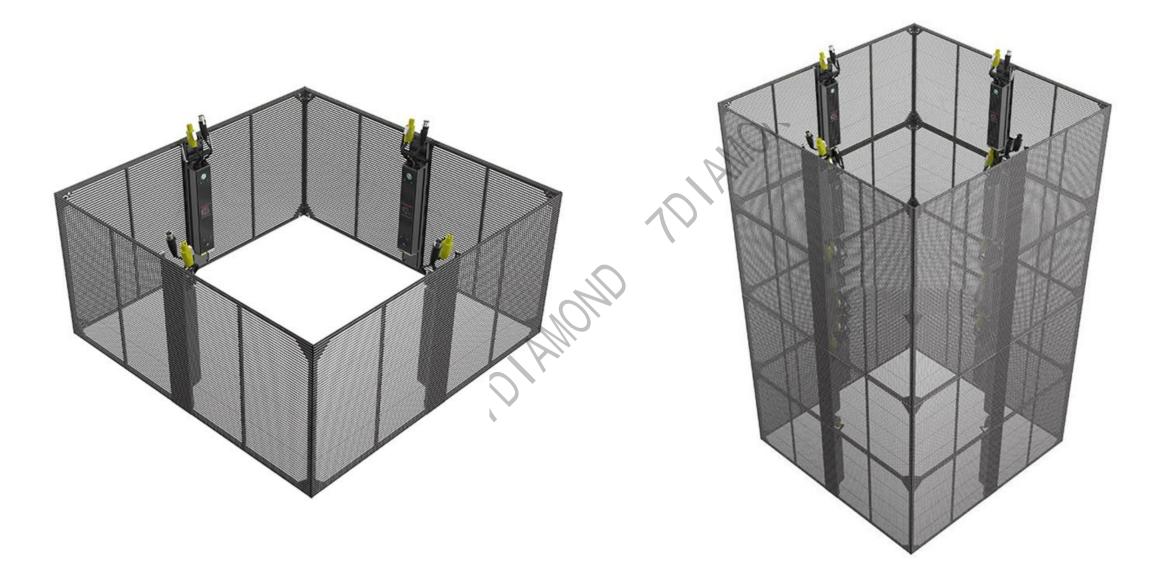# Outdoor LED Transparent Screen

LED outdoor waterproof transparent screen has the characteristics of transparent display, novel structure, high definition and brightness, simple application, intelligent control, energy saving and environmental protection, novel materials and imaging, etc. It is widely used in various scenes such as indoor and outdoor, stage rental, etc. to achieve unique, novel and unique scene applications. The outdoor LED transparent screen screen is lightweight, 7KG per square meter, free of air conditioning and heat dissipation, energy saving and more environmentally friendly: the electricity consumption is only 3/1 of the conventional screen, and free of air conditioning and heat dissipation, energy saving and more environmentally friendly. It has a very high permeability of more than 85%, lighting and strong wind load resistance. "Waterproof, moisture-proof, dust-proof" true IP68 protection level, can be used normally in extremely harsh environments.
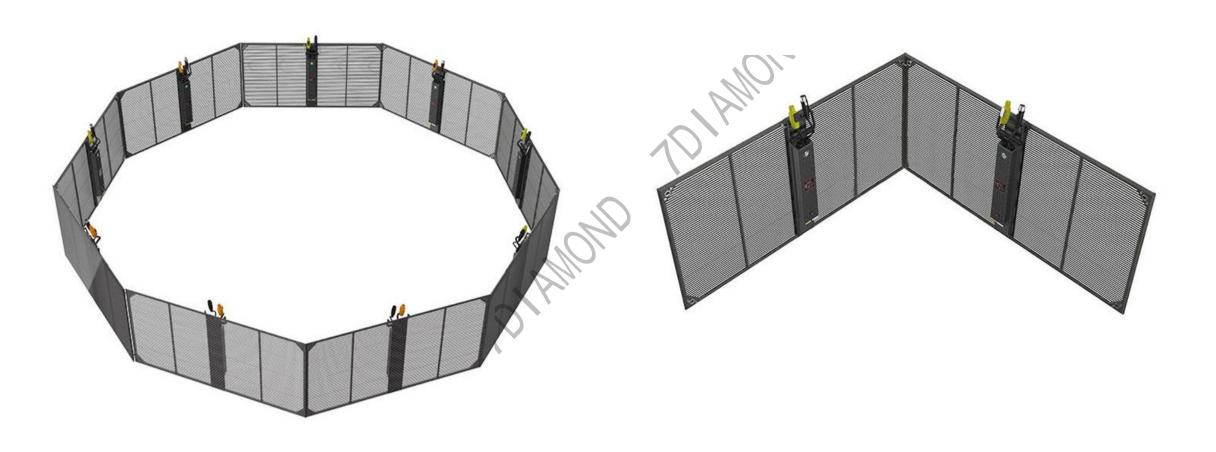
Outdoor LED Transparent Screen-Technical Parameters
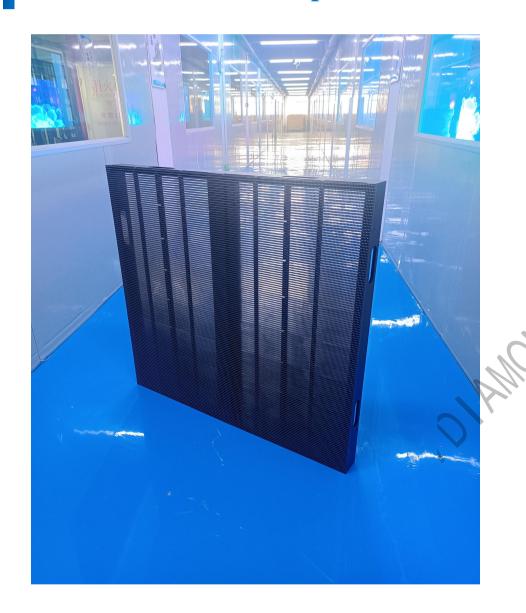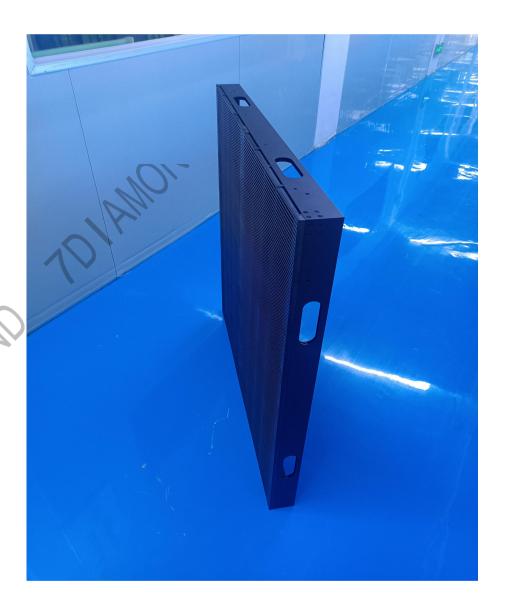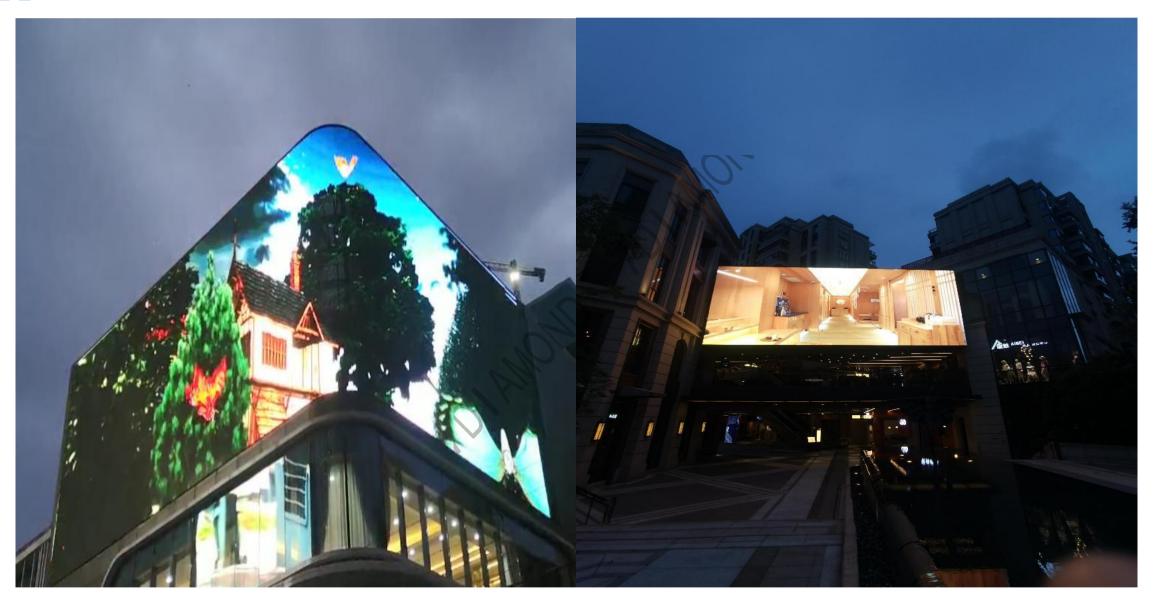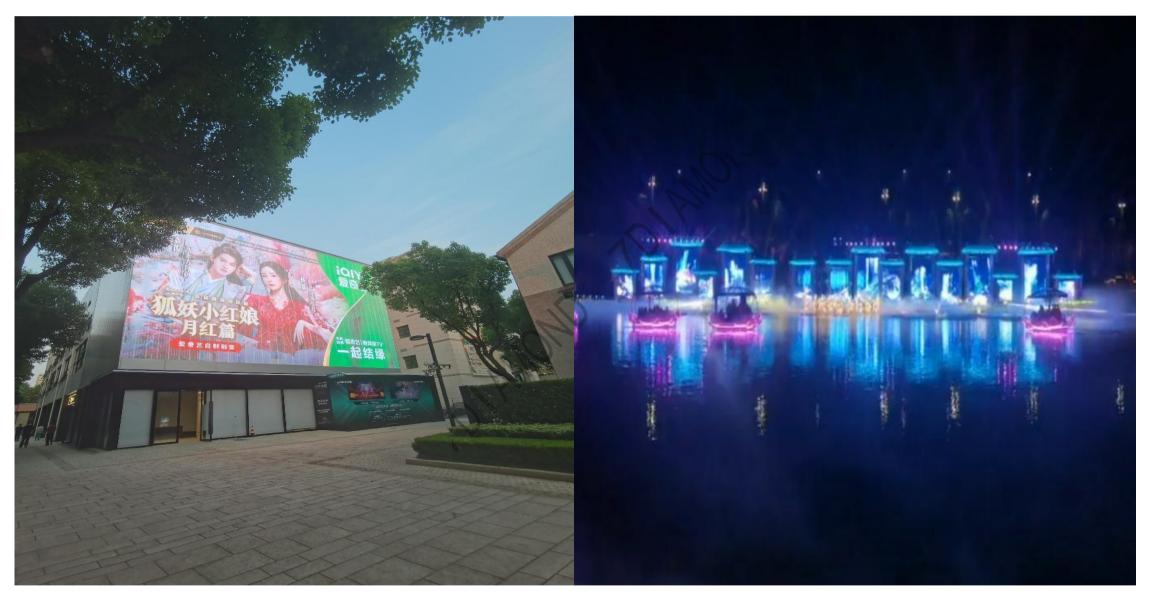
| 产品型号/Model	GX-PH3.91-7.82	GX-PH7.82-7.82	GX-PH5.2-10.4	GX-PH10.4	GX-PH7.8-15.625
物理点间距Pixel pitch单位: mm	3.91mm-7.82mm	7.82mm-7.82mm	5.2mm-10.4mm	10.4mm-10.4mm	7.8mm-15.625mm
灯珠型号Lamp bead model	1921	1921	2727	2727	2727
发光点颜色color	1R1G1B	1R1G1B	1R1G1B	1R1G1B	1R1G1B
像素密度pixel density单位px/㎡	32768px/㎡	16384px/㎡	18432px/㎡	9612px/㎡	8192px/㎡
模组尺寸Module Size	1000mm*1000mm	1000mm*1000mm	1000mm*1000mm	1000mm*1000mm	1000mm*1000mm
通透率Tranparency	70%	75%	80%	80%	80%
刷新率refresh rate单位hz/㎡	≥3840	≥3840	≥3840	≥3840	≥3840
重量Weight单位kg/㎡	7.5kg/㎡	7.5kg/㎡	7.5kg/㎡	7.5kg/㎡	7.5kg/㎡
最大视角 viewing angle	160°	160°	160°	160°	160°
供电电压(V) Supply Voltage	5	5	5	5	5
平均功耗(单位w/㎡) Average Power	100-300w/㎡	100-300w/㎡	100-300w/㎡	100-300w/㎡	100-300w/㎡
最大功耗(单位w/㎡) Maximum power consumption	800w/㎡	800w/㎡	800w/㎡	800w/㎡	800w/㎡
白平衡亮度(单位cd/㎡) White balanced brightness	≤5000cd/㎡	≤5000cd/㎡	≤5000cd/㎡	≤5000cd/㎡	≤5000cd/㎡
工作温度℃ operation temperature	-22℃-55℃	-22℃-55℃	-22℃-55℃	-22℃-55℃	-22℃-55℃
扫描方式 Scanning method	1/8S	1/4S	1/4S	1/2S	1/4S
平均无故障时间 mean time between failures	≥6500	≥6500	≥6500	≥6500	≥6500
寿命/life	100000	100000	100000	100000	100000
防护等级 Protection class	IP68	IP68	IP68	IP68	IP68

LED Grille Screen
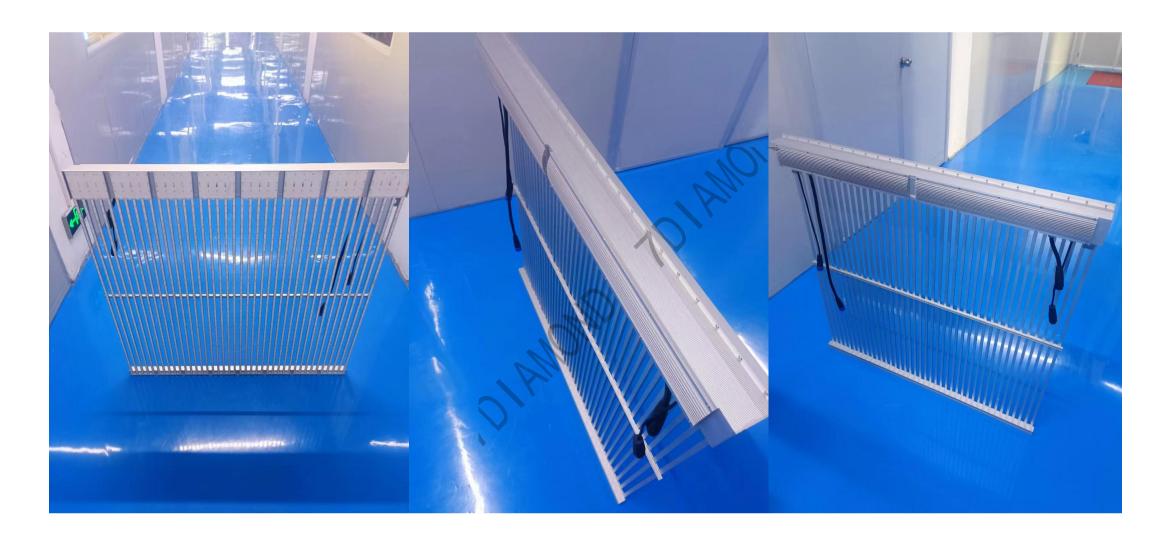
LED grille screen adopts a modular design, which can be customized and spliced freely. It does not affect the line of sight when the screen is turned off, and displays a clear video picture after power is turned on. Because the LED grille screen has high permeability, is light and portable, it can form a transparent display effect on the glass curtain wall, has a sense of technology and fashion, and is suitable for large-area use. There are two series of LED grille screen lamp beads: DIP in-line lamp beads and SMD patch lamp beads. According to your needs, we adopt high-quality and high-contrast LED lamp beads that meet your requirements, ensuring that our LED grille screens have excellent stability, wide viewing angle and good color consistency. It can meet the needs of high definition, high refresh rate, high gray scale, low brightness and low failure rate. Under normal outdoor use, it has a service life of ten years.
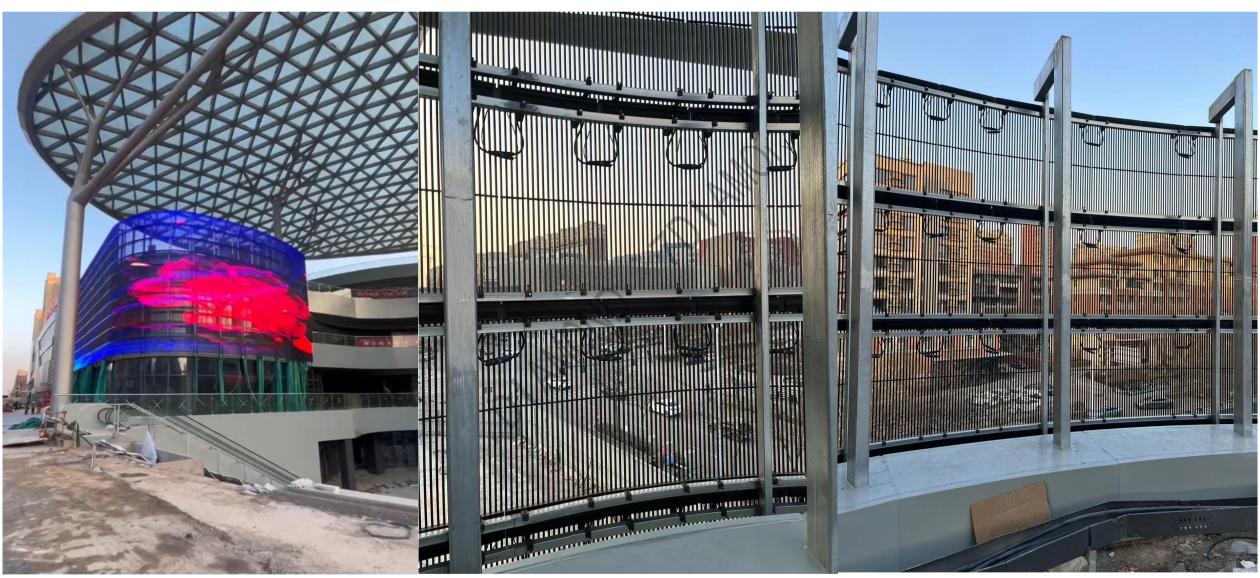
Outdoor LED Transparent Screen-Technical Parameters

产品型号/Model	GX-PH8.3-12.5	GX-PH15.625	GX-PH15.625-31.25	GX-PH20	GX-PH25	GX-PH31.25	GX-PH20-50	GX-PH50
物理点间距Pixel pitch单位: mm	8.3mm-12.5mm	15.625mm-15.625mm	15.625mm-31.25mm	20mm-20mm	25mm-25mm	31.25mm-31.25	20mm-50mm	50mm-50mm
灯珠型号Lamp bead model	2727/3535	2727/3535	2727/3535	2727/3535	2727/3535	2727/3535	2727/3535	2727/3535
发光点颜色color	1R1G1B	1R1G1B	1R1G1B	1R1G1B	1R1G1B	1R1G1B	1R1G1B	1R1G1B
像素密度pixel density单位px/㎡	9600px/㎡	4096px/㎡	2048px/㎡	2500px/㎡	1600px/㎡	1024px/㎡	800px/㎡	400px/㎡
模组尺寸Module Size	1000mm*1000mm	1000mm*1000mm	1000mm*1000mm	1000mm*1000mm	1000mm*1000mm	1000mm*1000mm	1000mm*1000mm	1000mm*1000mm
通透率Tranparency	55%	65%	70%	72%	75%	75%	80%	85%
刷新率refresh rate单位hz/㎡	≥3840	≥3840	≥3840	≥3840	≥3840	≥3840	≥3840	≥3840
重量Weight单位kg/㎡	7.5kg/㎡	7.5kg/㎡	7.5kg/㎡	7.5kg/㎡	7.5kg/㎡	7.5kg/㎡	7.5kg/㎡	7.5kg/㎡
最大视角 viewing angle	160°	160°	160°	160°	160°	160°	160°	160°
供电电压(V) Supply Voltage	5	5	5	5	5	5	5	5
平均功耗(单位w/㎡) Average Power	240w/㎡	240w/㎡	240w/㎡	240w/㎡	240w/㎡	200w/㎡	120w/㎡	120w/㎡
最大功耗(单位w/㎡) Maximum power consumption	800w/㎡	800w/㎡	800w/㎡	800w/㎡	800w/㎡	800w/㎡	800w/㎡	800w/㎡
白平衡亮度(单位cd/㎡) White balanced brightness	≤6000cd/㎡	≤6000cd/㎡	≤6000cd/㎡	≤6000cd/㎡	≤6000cd/㎡	≤6000cd/㎡	≤6000cd/㎡	≤6000cd/㎡
工作温度℃ operation temperature	-22℃-55℃	-22℃-55℃	-22℃-55℃	-22℃-55℃	-22℃-55℃	-22℃-55℃	-22℃-55℃	-22℃-55℃
扫描方式 Scanning method	Static	Static	Static	Static	Static	Static	Static	Static
平均无故障时间 mean time between failures	≥6500	≥6500	≥6500	≥6500	≥6500	≥6500	≥6500	≥6500
寿命/life	100000	100000	100000	100000	100000	100000	100000	100000
防护等级 Protection class	IP68	IP68	IP68	IP68	IP68	IP68	IP68	IP68

LED crystal screen

LED crystal screen is a thin, flexible LED display technology. With flexible substrate and film structure, it is designed to be relatively thin and lightweight, making it easy to carry and install. It can be directly attached to various flat and curved surfaces, such as glass, walls and exhibitions. The LED crystal screen does not require a steel structure. Just stick the thin screen lightly and then connect the power signal. The transparency rate is as high as 90% or more, without affecting the glass lighting. As thin as 2.5 mm and as light as 3kg/㎡.

Product Advantages

- **Ultra thin and ultra light**
  - o Film screen thickness 1-3mm
- **Ultra thin and ultra light**
  - Film screen weight 3KG/㎡

- **Supports cutting and strong flexibility**
  - It can be cut to the required size at will
  - Any curvature of glass/wall can be attached.

- **Save on installation costs**
  - o No steel frame structure is needed, no need to change the appearance of the building, and transportation and installation costs are effectively reduced.

- **High permeability and easy installation**
  - o It can reach up to 95% permeability, which does not affect daily lighting. Just stick the film screen lightly, and then connect the signal and power supply.

- **Breakpoint resumption**
  - o The light-emitting chip adopts micron-scale light-emitting source and adopts a four-in-one package. There are no other electronic devices except LED lamp beads. The scheme of resuming transmission at breakpoint is adopted, and the normal display of other lamp beads will not be affected if a single point is broken.

LED Crystal Screen-Technical Parameters

| 产品型号/Model	GX-PH5	GX-PH6	GX-PH8	GX-PH10	GX-PH16	GX-PH20
物理点间距Pixel pitch单位: mm	5mm	6mm	8mm	10mm	16mm	20mm
灯珠型号Lamp bead model	2121 lamp drive integration	2121 lamp drive integration	2121 lamp drive integration	2121 lamp drive integration	2121 lamp drive integration	2121 lamp drive integration
发光点颜色color	1R1G1B	1R1G1B	1R1G1B	1R1G1B	1R1G1B	1R1G1B
像素密度pixel density单位px/㎡	40000px/㎡	25600px/㎡	15625px/㎡	10000px/㎡	3906px/㎡	2500px/㎡
模组尺寸Module Size	960mm*230mm	960mm*230mm	960mm*224mm	960mm*230mm	960mm*224mm	960mm*220mm
通透率Tranparency	75%	80%	85%	90%	95%	98%
刷新率refresh rate单位hz	≥3840	≥3840	≥3840	≥3840	≥3840	≥3840
重量Weight单位kg/㎡	4kg/㎡	4kg/㎡	4kg/㎡	4kg/㎡	4kg/㎡	4kg/㎡
最大视角 viewing angle	160°	160°	160°	160°	160°	160°
供电电压(V) Supply Voltage	5	5	5	5	5	5
平均功耗(单位w/㎡) Average Power	≤240w/㎡	≤200w/㎡	≤200w/㎡	≤200w/㎡	≤200w/㎡	≤200w/㎡
最大功耗(单位w/㎡) Maximum power consumption	≤800w/㎡	≤600w/㎡	≤600w/㎡	≤600w/㎡	≤600w/㎡	≤600w/㎡
白平衡亮度(单位cd/㎡) White balanced brightness	≤5000cd/㎡	≤5000cd/㎡	≤5000cd/㎡	≤5000cd/㎡	≤5000cd/㎡	≤5000cd/㎡
工作温度℃ operation temperature	-22℃-55℃	-22℃-55℃	-22℃-55℃	-22℃-55℃	-22℃-55℃	-22℃-55℃
驱动方式Driving mode	Static	Static	Static	Static	Static	Static
平均无故障时间 mean time between failures	≥6500	≥6500	≥6500	≥6500	≥6500	≥6500
寿命/life	100000	100000	100000	100000	100000	100000
防护等级 Protection class	IP43	IP43	IP43	IP43	IP43	IP43

LED Glass Screen
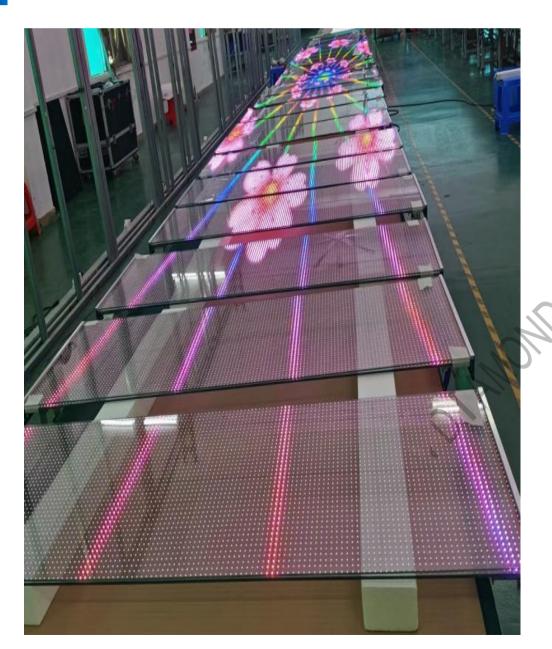
LED photoelectric glass screen is a new high-tech building material with energy saving, environmental protection, safety and practicality. It not only maintains the ultra-high transparency characteristics of glass, but also can display photoelectric display effects through control to realize the playback of text, pictures and videos. It is practical for all glass curtain walls and sightseeing elevator occasions, and has all the characteristics of high permeability and ultra-light thinness of glass. It adopts dry PVB lamination process, and the permeability is as high as over 90%. It can be customized in any size according to the application scenario, and it is easy to install. The product has nearly 20 patents, ranking among the leading level of similar products in the world, filling the blank market of similar products in China. It is widely used in indoor and outdoor glass curtain walls, windows, lighting, outdoor media and other fields.