



**STREET CO'**  
DISPLAY SOLUTION EXPERT  
[www.streetcommunication.com](http://www.streetcommunication.com)

# Outdoor Transparent Display Solution



**Platinum Mesh Series**

See Through, Engage More

# IP68 Top-Level Protection

The system achieves **IP68** protection, providing superior resistance against water and dust for reliable operation in harsh outdoor environments.



## Seamless Light Bar Modules Triple Waterproof Protection

- Structural sealing with silicone gaskets.
- Fully potted modules to isolate components from moisture.
- Double-layer sealed interfaces for enhanced protection.



## Power Box Dual-Layer Protection

- Automotive-grade gaskets combined with a top waterproof cap effectively block water ingress.



Waterproof Cap



## Smooth Back Structural Design

- Minimizes dust and water accumulation, further enhancing durability.

# 71% Ultra-High Transparency, Unobstructed Views

The dual-backup system prevents blackouts, signal loss, and display errors, ensuring continuous and reliable performance.



## Ultimate Visuals, Excellent Performance

With a maximum brightness of 10,000 nits, A high refresh rate of 7,680Hz ensures it is completely flicker-free for cameras. The 16-bit grayscale presents vibrant, detailed colors for perfect image quality.



 10,000nits

 16bit

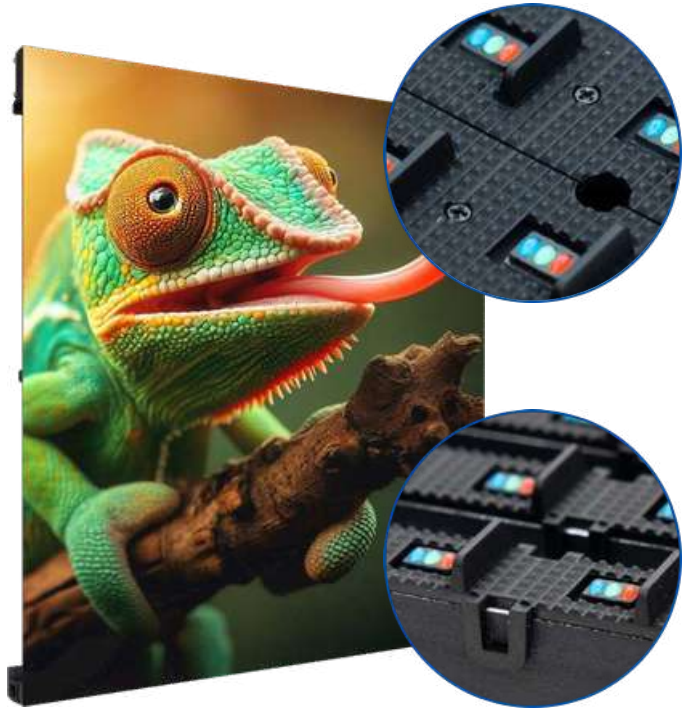
 7,680Hz

# Double Assurance for Physical Safety

The masks feature a screw-lock and latch design to prevent lifting or detachment.

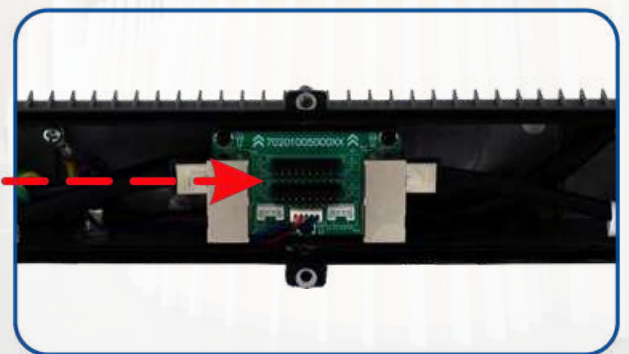
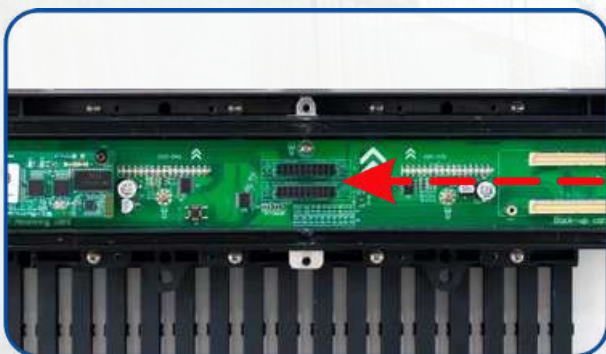
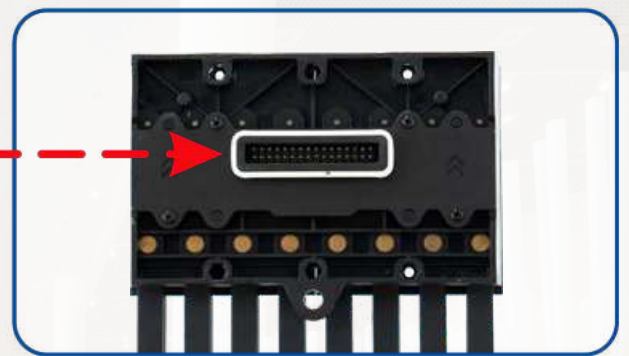


Each module is equipped with a safety tether to prevent accidental drops, ensuring safe and reliable installation and maintenance.



# Pin Connections, Superior Reliability

An innovative, integrated design significantly reduces the number of connection cables. At all key connections, top-tier Pin Connectors are used throughout the cabinets, providing convenient, stable connection. This design eliminates the risk of connector failure.



# Lightweight, Effortless Installation

Made from high-strength aluminum alloy, the light bar and power box offer both light weight and durability, with the screen weighing just 10 kg/m<sup>2</sup>. This significantly reduces a building's load-bearing requirements, making installation highly adaptable.

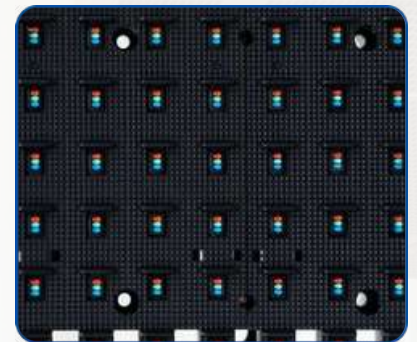


VS



## Diamond-Textured Mask for Enhanced Contrast

The diamond-patterned surface reduces direct light reflection by dispersing it into diffuse reflection, resulting in deeper blacks and improved overall contrast. Even under strong sunlight, the display maintains clear and detailed visuals.



Ours



Others

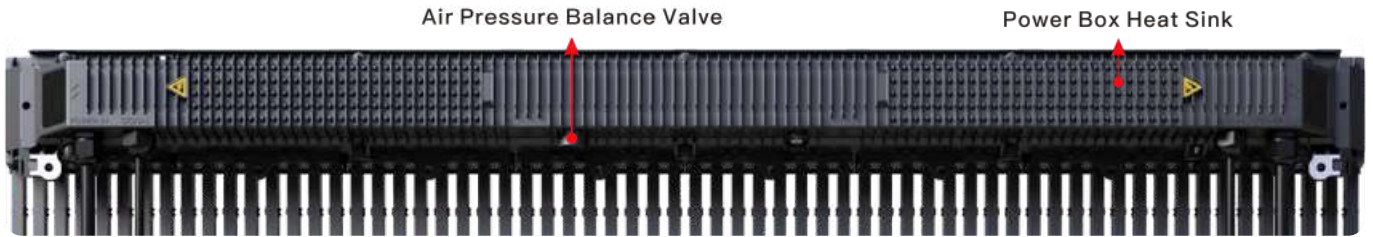
# Energy-Efficient Cooling

The power supply is thermally bonded to the aluminum alloy power box via thermal gel, forming an efficient heat dissipation path. Combined with a dedicated vent design, internal components remain consistently cool and dry.



Thermal Silicone

 **30%** Power saving



Air Pressure Balance Valve

Power Box Heat Sink

# Flexible Front & Rear Installation and Maintenance



The product supports both front and rear installation and maintenance, which greatly enhances flexibility. This design also significantly reduces labor costs and time.

# Precision & Efficiency Maintenance

Waterproof plugs for fast, plug-in connections which allow tool free cable connection. For maintenance, Optional cabinet test button can quickly locate faulty LED bar and making maintenance work highly efficient.



Some function is with extra cost, please consult with your sales manager

**PLATINUM MESH SERIES**

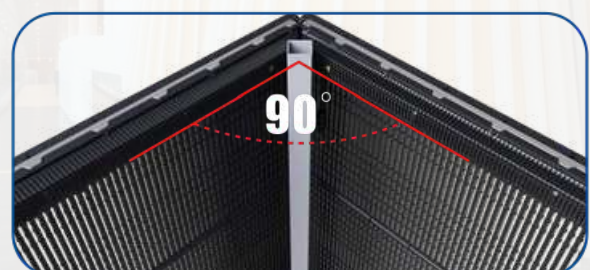
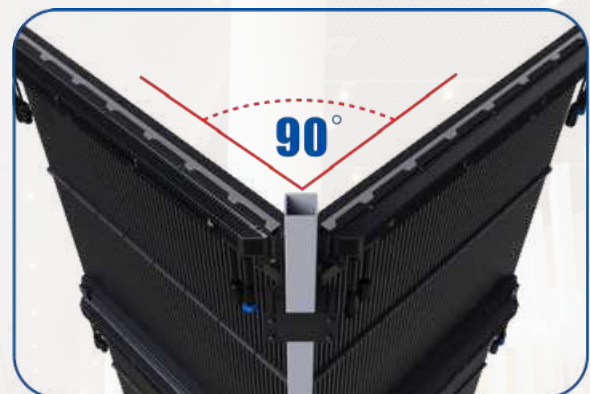
# Withstand Extreme Environments

The cabinet and power box are made of high-strength aluminum alloy with a specialized structural design to minimize thermal expansion effects. Rigorously tested under high and low temperature conditions, the product ensures stable performance even in the most demanding environments.



## Versatile Shapes, Flexible Installation

Offers versatile shape options — from flat to adjustable convex (0–14°) and 90° concave designs, enabling creative installation possibilities for different spaces and visual concepts.



# Specification

Model Name	FAB-P15.6	FAB-P20.8	FAB-P31.2
Pixel Pitch (mm)	15.625 x 15.625	20.8333 x 20.8333	31.25 x 15.625
Pixel Density (dot/m <sup>2</sup> )	4,096	2,304	2,048
LED Sealing Type	LIP 3747 / SMD 3535	LIP 3747 / SMD 3535	LIP 3747
Module Resolution (PX)	8 x 64	6 x 48	4 x 64
Drive Mode	Constant Current	Constant Current	Constant Current
Brightness (cd/m <sup>2</sup> )	10,000 / 8,000	10,000 / 8,000	10,000
Grey Scale (bit)	16	16	16
Refresh Rate (Hz)	7,680	7,680	7,680
Permeability	45%	60%	71%
Horizontal Viewing Angle (Deg)	160°	160°	160°
Vertical Viewing Angle (Deg)	Upward 25° / Down 75°	Upward 25° / Down 75°	Upward 25° / Down 75°
Max Power Consumption (W/m <sup>2</sup> )	430 ± 5% / 600 ± 5%	430 ± 5% / 600 ± 5%	430 ± 5%
Average Power Consumption (W/m <sup>2</sup> )	129 / 180	129 / 180	129
Module Size (mm)	125 x 1,000 x 27.3		
Module Weight (kg)	1.4	1.1	0.8
Cabinet Size (mm)	500 x 1,000 x 86.7 / 1,000 x 1,000 x 86.7		
Cabinet Weight (Kg/m <sup>2</sup> )	15	13	10
Input Voltage (V)	AC 100 – 240 V		
Working Temperature (°C)	– 40 ~ + 55 °C		
Storage Temperature (°C)	– 40 ~ + 60 °C		
Working Humidity (RH)	10% ~ 90% RH		
Storage Humidity (RH)	10% ~ 60% RH		
Maintenance Type	Front / Rear		
Life Span	> 100,000 hours		
Ingress Protection	IP68 / IP66		
Working Environment	Outdoor		
Certificates	CE (LVD、EMC), ETL, CB, FCC		