LED MEDIA GROUP

Outdoor Fixed Solution

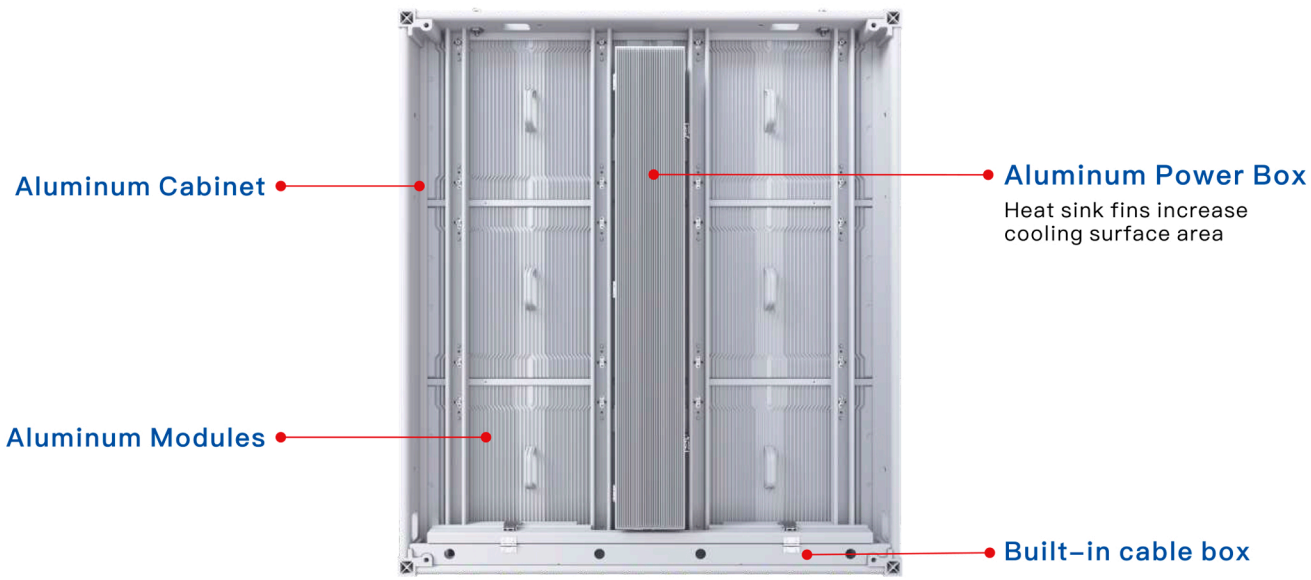
LED MEDIA GROUP

MPL Pro Series

Innovative Patented Product for Outdoor

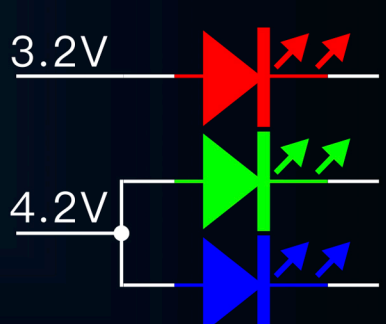
Durable Aluminum Cabinet with Integrated Heat Dissipation

Both the modules and power boxes are made of robust aluminum, offering excellent structural strength, durability, and reliable long-term performance. Integrated heat sink fins increase the cooling surface area, significantly enhancing heat dissipation and ensuring stable system operation.



30% Energy Saving

Utilizing an independent voltage PCB design and power supply solution, this achieves at least 30% power savings compared to traditional 5V for Red, Green, and Blue LEDs.



High Protection, Weatherproof and Reliable

Through salt spray and high/low temperature testing, along with TÜV-certified 5VB fireproof and IP68 protection ratings, this ensures safe and reliable operation in various environments.

Salt spray test

5VB fire proof proved by TÜV

IP68(Front)&IP66(Rear) proved by TÜV

High and low temperature test

High Stability, Quick Deployment

Employs a minimalist design with exclusively hard-wired connections, significantly reducing cable interfaces to minimize failure rates and substantially enhance system operational stability and reliability.

Equipped with handles, the cabinet is easier to transport and install, enabling more efficient deployment.

PRO SERIES

Outdoor Detail Clarity

10,000nits brightness for outdoor visibility; 7,680Hz refresh rate and 16-bit grayscale for smooth, detailed visuals.

10,000nits
Brightness

7,680hz
Refreshment

16bit
Gray Scale

16:9 Golden Ratio

Platinum Pro cabinets can be directly spliced to create a 16:9 golden ratio large screen, compatible with 720p, 1080p, and 4K content, allowing seamless integration with global standard devices and professional tools.

Front & Rear Installation and Maintenance

Supports wall-mounted installation with convenient front and rear access for both installation and maintenance, streamlining processes for simpler and more efficient operation.

Front installation

Rear installation

OUTDOOR

MPL Pro Series

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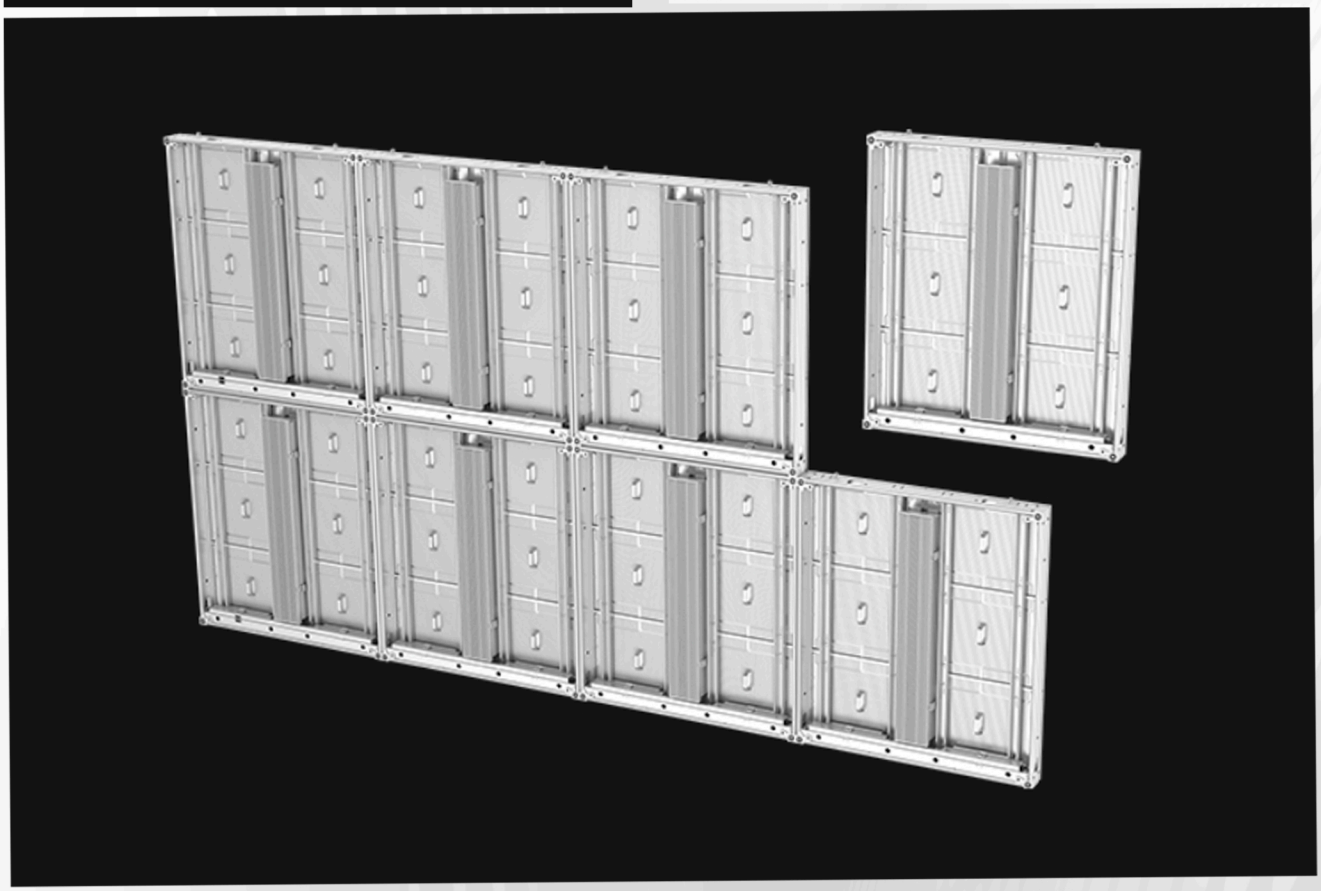
Display Technology



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Specification

Model Name	P6.6	P8.3	P10
Pixel Pitch (mm)	6.67	8.33	10
Pixel Density (dot/m²)	22,500	14,400	10,000
LED Sealing Type	SMD2727	SMD2727	SMD2727/3535
Module Resolution (PX* PX)	60*45	48*36	40*30
Drive Mode	Constant Current		
Brightness (cd/m²)	6,000–10,000		
Grey Scale (bit)	14–16		
Refresh Rate (Hz)	7,680		
Horizontal Viewing Angle (Deg)	160°		
Vertical Viewing Angle (Deg)	Upward 30°/Down 60°		
Max Power Consumption (W/m²)	600±5%	600±5%	600±5%
Average Power Consumption (W/m²)	180	180	180
Module Size (mm * mm)	400*300*20	400*300*20	400*300*20
Module Weight (kg)	1.5		
Cabinet Size (mm * mm)	800*600/800*900/800*1,200/1,200*600/1,200*900/1,200*1,200/1,600*900		
Cabinet Weight (Kg/m²)	30		
Cabinet Thickness (mm)	86	86	86
Input Voltage (V)	AC100–240V		
Working Temperature (℃)	–40~+55℃		
Working Humidity (RH)	10%~95%RH		
Maintenance Type	Front/Rear		
Life Span	>100,000 hours		
Ingress Protection	IP68/IP66		
Working Environment	Outdoor		
Certificates	CE(LVD, EMC), ETL, FCC, RoHS		

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