OUTDOOR FRONT & REAR SERVICE

Xtreme Pro Series

Xtreme Plus

A lighter cabinet. A brighter presence.



960 × 960
92 mm cabinet depth

IP66
Outdoor protection

27 kg
Weight per panel

Built for outdoor performance.

Die-cast aluminum, common-cathode design and high-brightness visibility.

Common-cathode design

High-end chips combine high brightness and low power consumption for strong visual performance with lower energy use.

Slim & lightweight

92 mm thick and 27 kg per panel: 20% lighter and 25% thinner than traditional outdoor LED cabinets.

Stable & durable

Protected internal connections and cabling, sturdy aluminium-profile cabinets and waterproof-treated modules withstand strong winds and heavy rain.

High brightness

≥13000 nits feature rating; brightness up to 13000 nits supports visibility under strong direct sunlight.

QUICK SERVICE & ENERGY SAVING

10-second module swap.

Energy saving: less than 1 kWh/m² per day.

Brightness range: 6500-13000 nits.

Protection from the inside out.

Safety features, tested durability and cabinet color options.



Salt spray test

High / low temperature test

5VB fire proof

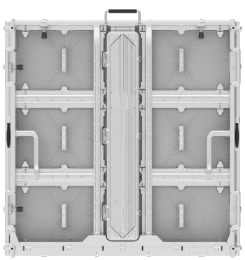
Safety wire design

IP66 protection

Hard connection design

CABINET COLOR OPTIONS

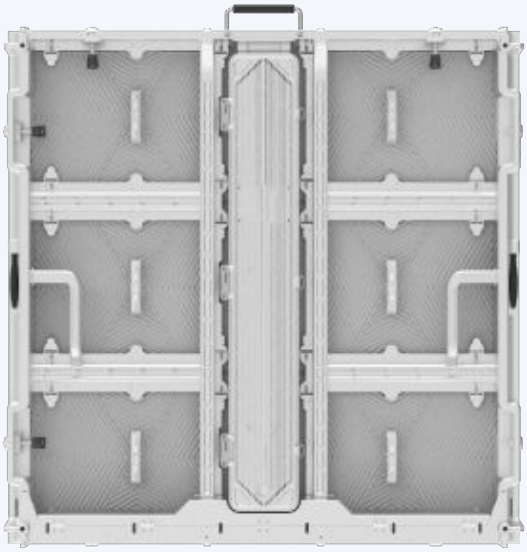
Black / white cabinets are available. Other colors can be customized.





A cabinet designed for installation.

Neat appearance, practical handling and flexible module configuration.



Fast cabinet lock

Fast lock between the left and right cabinets.

Module lock design

Module locks support installation and servicing.

Hidden cable design

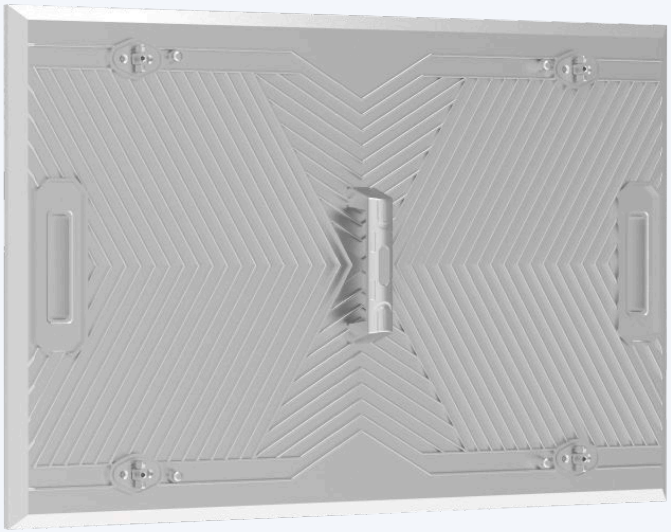
Protected, concealed internal connections and cabling.

Side handrails

Side handrails enable easy installation.

Flexible modules. Efficient cooling.

One cabinet frame supports adaptable module configurations.



ALUMINUM BOTTOM SHELL

Intelligent module replacement

Module designs enable easy replacement. Left / right modules can be changed freely.

Shared spare parts

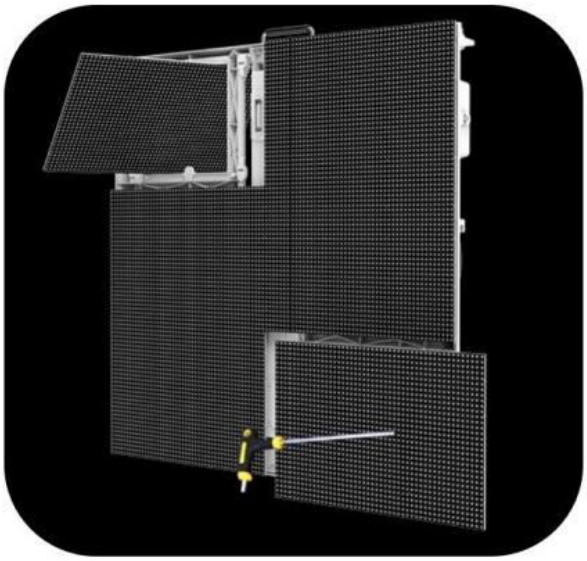
Spare parts fit both sides. Different pixel modules fit the same cabinet frame.

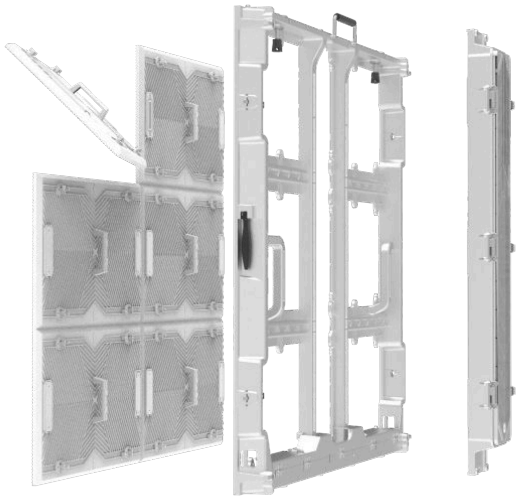
All-aluminium, fanless construction

Excellent heat dissipation with a fanless design lowers operating noise.

Front access. Rear access.

Two maintenance routes and an optional lower-power drive configuration.





Full front maintenance

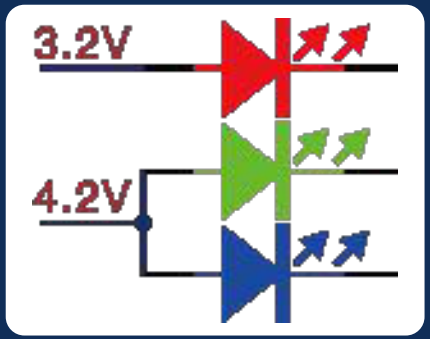
Use a removal tool to rotate the module locks from the front and remove the modules.

Rear maintenance

Rotate the module locks directly from the rear to remove the modules.

LOWER ENERGY CONSUMPTION

Optional voltage-divider power-supply drive mode.
Maximum power consumption: 660 W/m² with this drive mode.



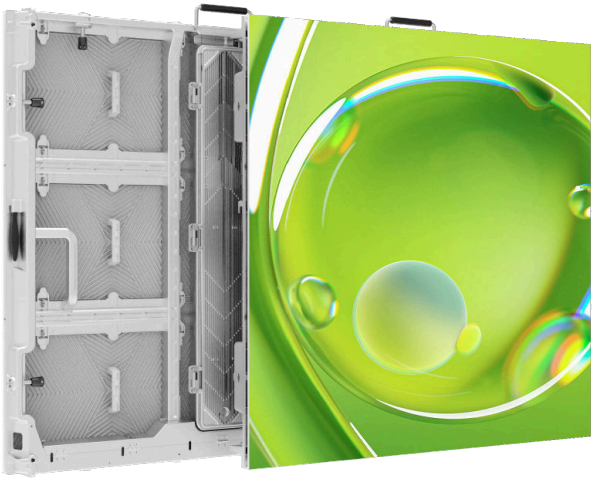
Visibility through outdoor challenges.

High brightness and waterproof module treatment for harsh weather.



HIGH BRIGHTNESS

Standard brightness >7000 nits.
Customized LED can achieve 10,000 nits brightness easily.



IP66 protection level

Sturdy aluminium-profile cabinets and waterproof-treated modules provide IP66 protection to withstand outdoor challenges such as strong winds and heavy rain.

Physical Pitch	P4.44	P5.7	P6.67	P8	P10
Pixel Density (Pixels/m²)	50625	30625	22500	15625	10000
Pixel Density (Pixels/Panel)	28224	28224	20736	14400	9216
LED Module Dimensions	480mm × 320mm × 21mm				
Scan Method	1/7	1/7	1/6	1/4	1/2
Panel Dimensions (mm)	W960×H960×D92				
Physical Resolution of Panel (W×H)	216×216	168×168	144×144	120×120	96×96
Weight Per Panel	27kg	27kg	27kg	27kg	27kg
Cabinet Material	Die-Cast Aluminum				
IP Rating	IP66				
Brightness (nits=cd/m²)	6500-13000				
Refresh Rate	≥3840Hz				
Viewing Angle	Horizontal 160°, Vertical 160°				
Color temperature	8000K±500K (Default); 3500-12,000K (Adjustable range)				
Processing	14bit				
Colours	281 trillion				
Average Power Consumption	230W/m²	230W/m²	230W/m²	230W/m²	230W/m²
Max Power Consumption	720W/m²	720W/m²	720W/m²	720W/m²	720W/m²
Max Power Consumption (R/GB Partial voltage supply)	660W/m²	660W/m²	660W/m²	660W/m²	660W/m²
Operating Temp/Humidity	-20°C to 50°C / 10%-90%				
Storage Temp/Humidity	-30°C to 60°C / 10%-95%				
Expected LED Lifetime (Max)	100,000 Hrs				

*All data contained is subject to change based on project requirements.

Outdoor installations.

Outdoor display applications and installation references.







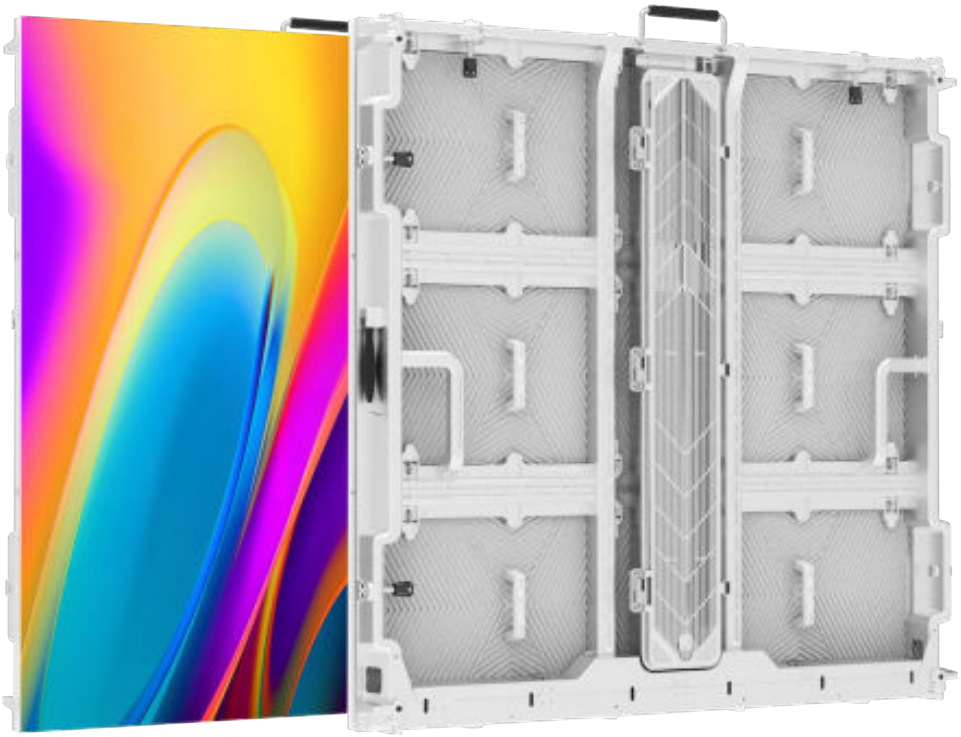






XTREME PRO / XTREME PLUS SERIES / OUTDOOR LED

Designed to be seen.
Built to endure.



CONNECT WITH XTREME

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