

Unilumin



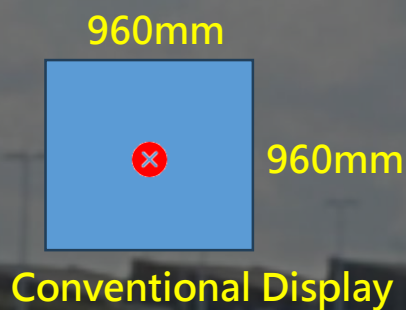
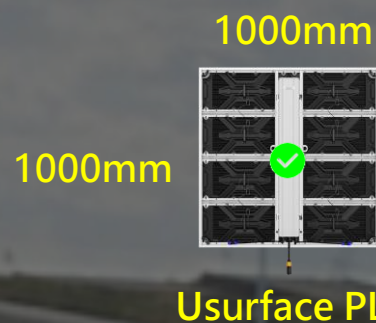
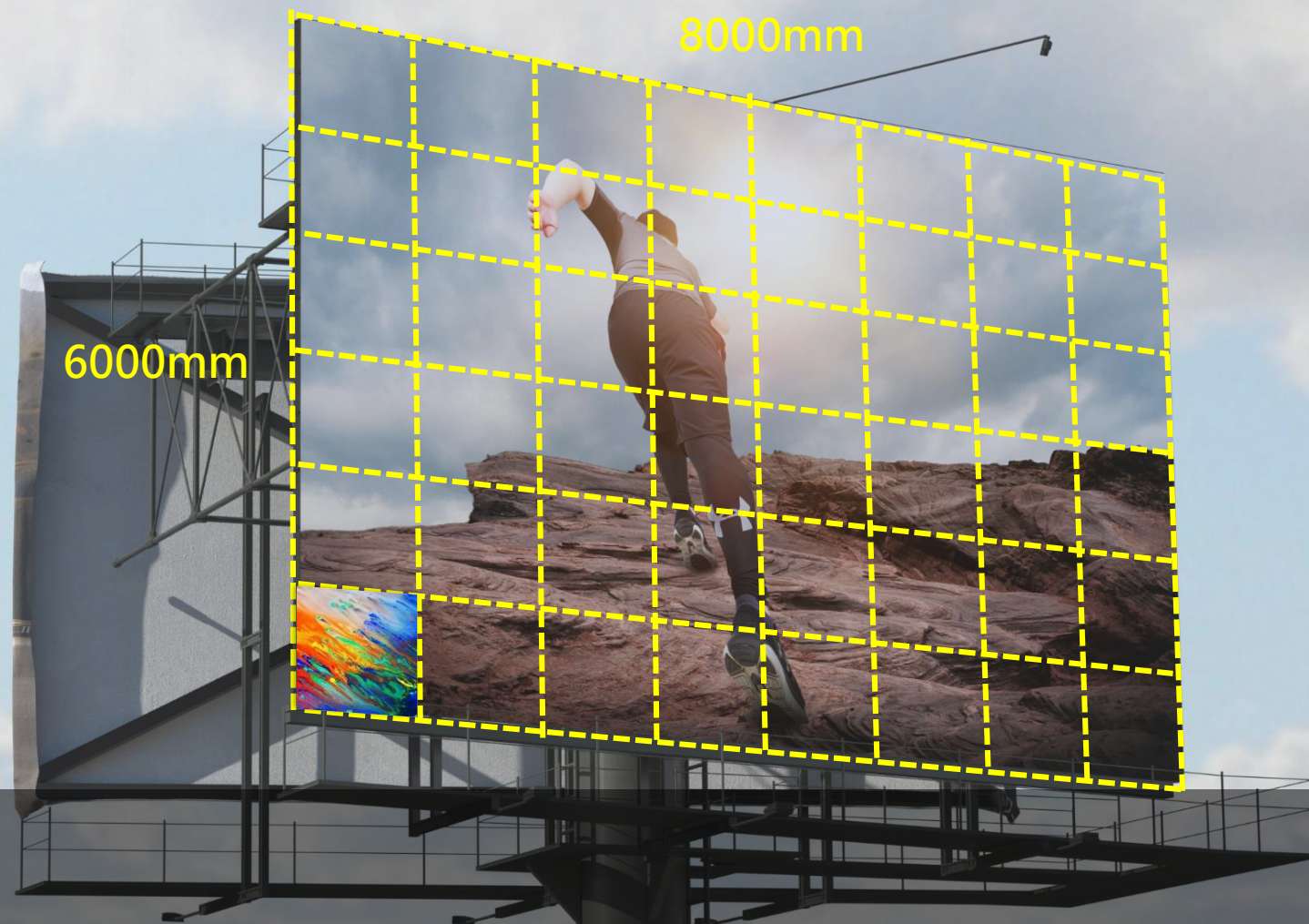
Usurface PL1

Advertising with no Boundaries

- Super light and slim
- Energy-saving common cathode design
- hassle-free maintenance and installation

LED Billboard Redefined – Covering Every Inch

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Conventional displays are not perfect for most billboards because of size constraints. However, with its 1000mm x 1000mm dimensions, the Usurface PL1 can achieve seamless 100% coverage and maximizes your advertising value.

Upgrade Your Advertising Impact

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Conventional advertising



Usurface PL1

Supreme Parameter



7500-10000nits brightness



12000 : 1 high contrast



7680Hz refresh rate

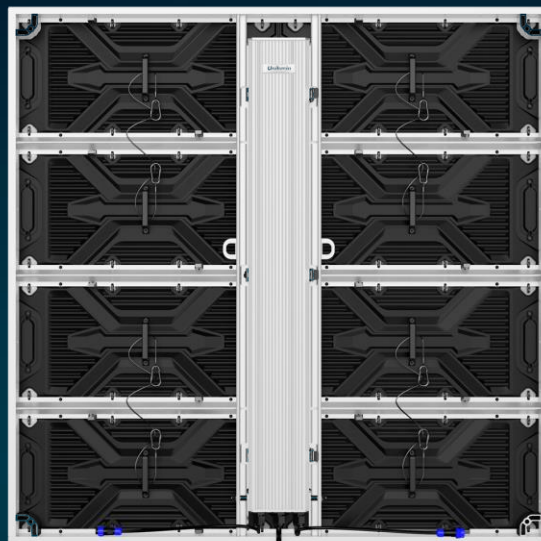


14bit gray scale

With an impressive brightness of more than 7500nits, a dynamic 7680Hz refresh rate, and a remarkable 12000: 1 contrast ratio, Usurface PL1 delivers a superior visual experience that helps your advertising values rise to a new height and effortlessly draw in passers-by.

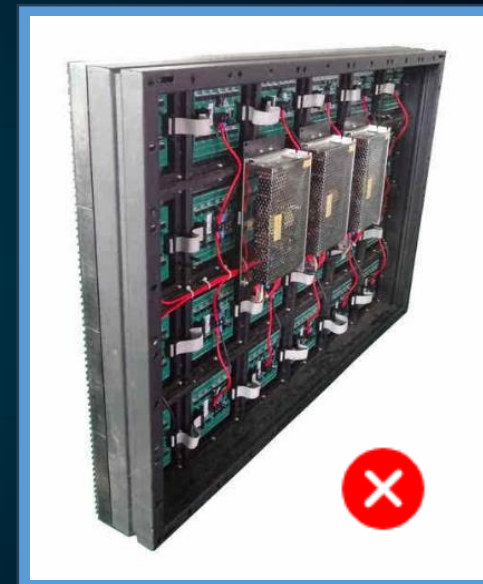
Extreme Lightness for Optimal Cost Advantage

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23.5kg/m²

- Aluminum profile cabinet
- Ultra-light : 23.5 kg/m²
- 32% ↓ less weight than others
- Save 1,725 kg ↓ of steel structure (per 100m²)



35kg/m²

Ultimate Energy-Saving Performance



Usurface PL1

Max. Consumption : 650 W/m²

Avg. Consumption : 217 W/m²

**13% Energy Saving
@7500nits**



Conventional Display

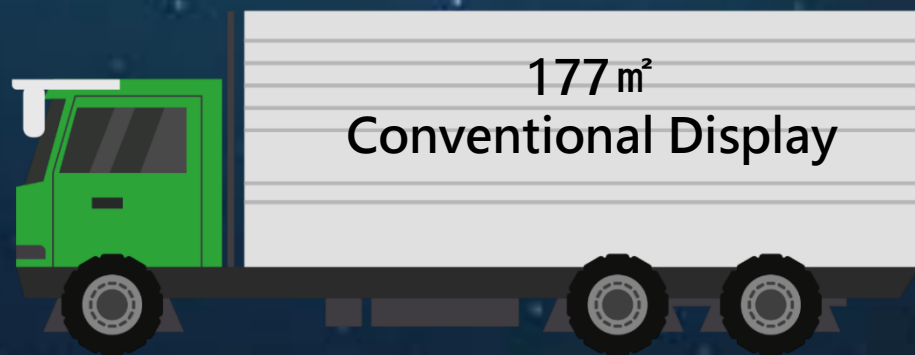
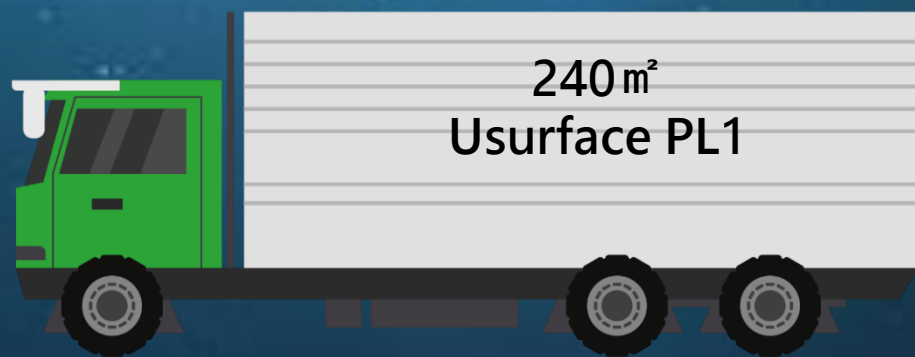
Max. Consumption : 750 W/m²

Avg. Consumption : 250W/m²

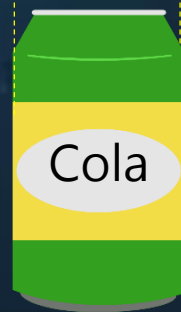
In high-brightness settings, hefty power usage burdens expenses. With **DVPS technology**, Usurface PL1 can reduce energy consumption by **13%** compared to conventional displays, **boosting your ROI**.



Thinner, Efficient, and Cost-Effective



66.1mm



60mm



With 60mm thickness, Usurface PL1 revolutionizes transport efficiency, enabling **36%** more cabinets at equal capacity for **significant transportation cost savings with increased transport efficiency.**

Hassle-free Front & Rear Maintenance

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Front Maintenance



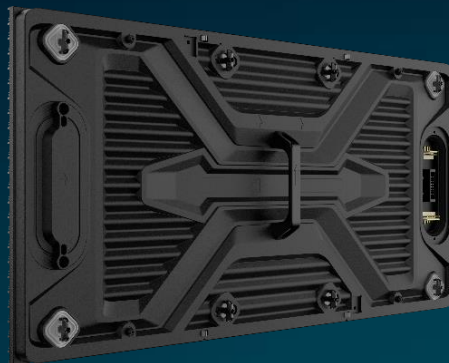
Rear Maintenance



Usurface PL1 supports both front & rear maintenance, more user-friendly

Convenient Assemble and Disassemble Design

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- 500*250mm module size
- **Front & rear installation available**
- Fixed by 8 knobs, stable and reliable



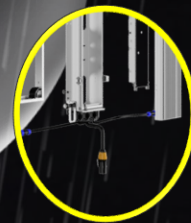
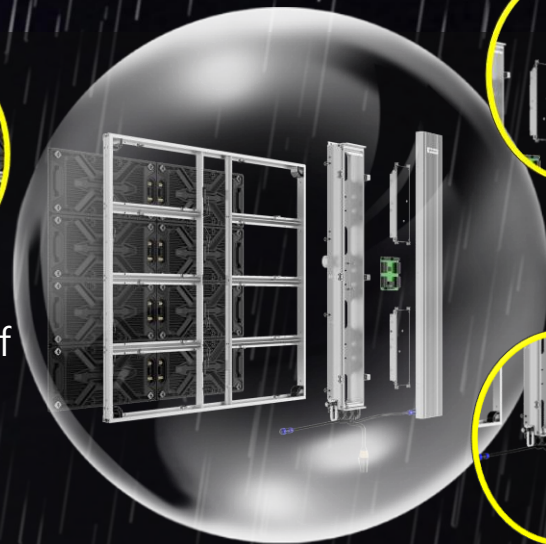
IP66/IP65 High Protection



Independent Water-proof power box



Enclosed water-proof
module bottom case

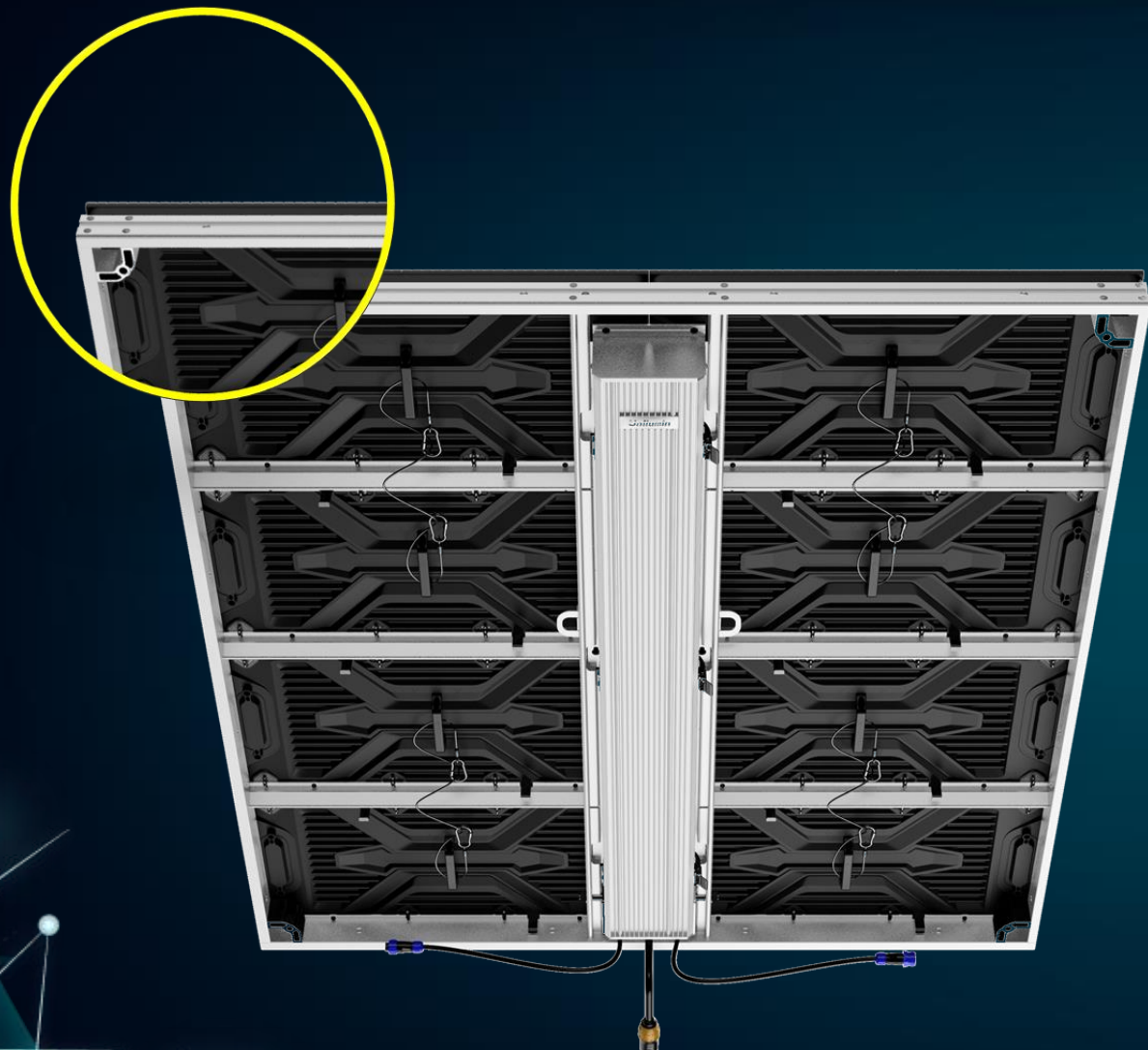


Water-proof aerial plug

- Enclosed cabinet design with fanless power supply ;
- Modules with waterproof sealing rings ;
- (Top-class) Water-proof aerial plugs ;

Innovative Groove Splicing Design

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Usurface PL1 features grooves on all sides to prevent light leakage during splicing, ensuring seamless displays

Smart Monitoring of LED Screen Status*

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- Pixel Inspection Function
- Module Temperature Monitoring
- Module Signal Monitoring
- Module Voltage Monitoring
- Automatic Calibration

*Optional

Specification

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Product		Usurface PL1	
Pixel Pitch	6.25mm	7.81mm	10.41mm
LED	SMD2727	SMD2727	SMD2727
Brightness	7,500~10,000nits		
Weight	23.5kg/m²		
Module Size	500*250mm		
Install Size(W x H x D)	1000*1000*60mm		
View Angle	160°/120°		
Material	Aluminum profile		
IP Rating	IP66(Front) / IP65(Rear)		
Maintenance	Front & Rear		
Power (Maximum Value)	650W/m²		
Power (Standard Value)	217W/m²		

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TOGETHER, FOR A BRIGHTER FUTURE

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