



# ANLED-OBBX4-G1

## Outdoor Full-Color LED Video Wall



### DESCRIPTION

The Aniston Outdoor LED Video Wall is a high-brightness, rugged display solution engineered for continuous 24x7 outdoor operation in mission-critical environments. Built using precision aluminium die-cast cabinets and high-efficiency LED modules, the display delivers exceptional brightness, color uniformity and long-term reliability even under direct sunlight and harsh weather conditions.

Featuring a 4 mm pixel pitch and ultra-high brightness, the display ensures crystal-clear visibility for large audiences in outdoor venues, command centers, public spaces and advertising applications. The system provides wide viewing angles, high refresh rate performance and advanced grayscale processing for smooth, flicker-free images and superior color reproduction.

Designed for durability, the video wall offers IP65 front and IP54 rear protection, ensuring reliable operation in rain, dust, humidity and extreme environments. Intelligent brightness control and energy-efficient power design make it ideal for long-term outdoor deployment while maintaining low operational cost and consistent performance.

### FEATURES

- **High-Brightness Outdoor Performance**

Delivers  $\geq 6000$  nits brightness for clear visibility in daylight and direct sunlight conditions.

- **Ultra-Fine Pixel Pitch**

4 mm pixel pitch provides sharper visuals and improved image clarity for closer viewing distances.

- **Wide Viewing Angle**

Provides 150° horizontal and 150° vertical viewing angles for consistent image quality across large audiences.

- **Superior Color & Contrast**

High 5000:1 contrast ratio with 16/32-bit grayscale processing for vibrant and uniform color reproduction.

- **Ultra-Smooth Motion Display**

Supports  $\geq 3840$  Hz refresh rate ensuring flicker-free visuals for live video, broadcast and digital signage.

- **Weatherproof Rugged Design**

IP65 protection for reliable operation in rain, dust, humidity and harsh outdoor climates.

- **Intelligent Brightness Control**

Supports automatic and manual brightness adjustment for changing ambient light conditions.

- **Long Lifespan LED Modules**

High-quality LED modules rated for 100,000 hours ensuring long-term reliability and minimal maintenance.



## TECHNICAL SPECIFICATIONS

### Product Information

Product Name	Outdoor Full-Color LED Video Wall
Model Number	ANLED-OBBX4-G1
LED Type	SMD1921
Pixel Pitch	4 mm
Pixel Density	≥ 62,500 dots/m <sup>2</sup>

### Optical Performance

Brightness	5500 – 6000 nits
Contrast Ratio	5000 : 1
Grayscale Processing	16 / 32 bit
Color Temperature	3200K – 9300K (Adjustable)
LED Luminance Center Deviation	≤ 3%
Viewing Angle (H/V)	150° / 150°
Refresh Rate	≥ 3840 Hz
Frame Rate	≥ 60 Hz
Video Compatibility	HD / Full HD / 2K / 4K / UHD

### Module & Panel Specifications

Module Size (W×H)	320 × 160 mm
Module Resolution	80 × 40 pixels
Panel Size (W×H)	960 × 960 mm
Panel Resolution	240 × 240 pixels
Panel Material	Die-Cast Aluminium Cabinet

### Electrical Specifications

Power Supply	SMPS 5V 60A with PFC Protection
Input Voltage	AC 220 – 240V, 50Hz
Average Power Consumption	267 W/m <sup>2</sup>
Maximum Power Consumption	900 W/m <sup>2</sup>

### Environmental & Reliability

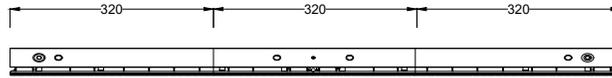
IP Rating	IP65
Operating Temperature	-20°C to +55°C
Storage Temperature	-30°C to +60°C
Operating Humidity	10% – 80% RH (Non-condensing)
Outdoor Durability	Rain, Dust, Humidity & Harsh Weather Resistant
LED Lifetime	100,000 hours
Continuous Operation	24×7 Rated
Brightness Control	Automatic & Manual Adjustment

### Compliance & Warranty

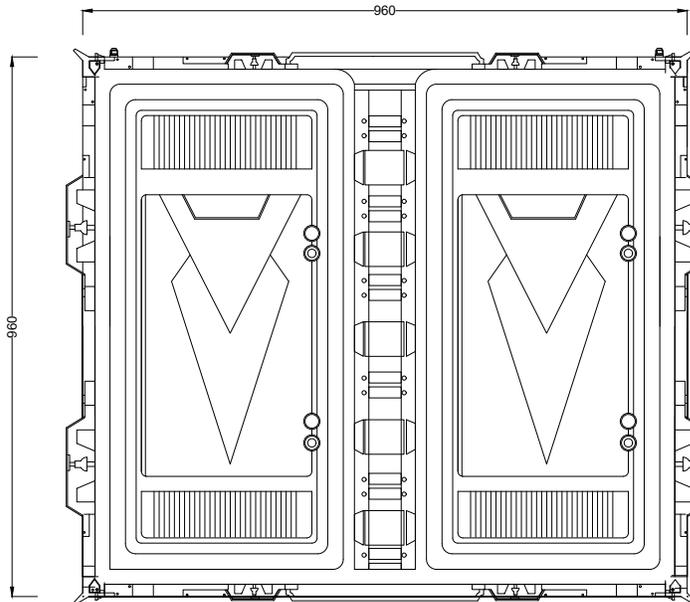
Application Areas	Outdoor advertising, public display, command centers, smart city displays
Warranty	3 Years



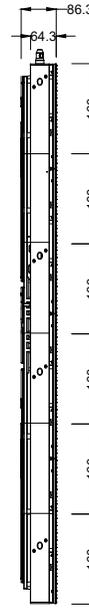
PRODUCT DIMENSION



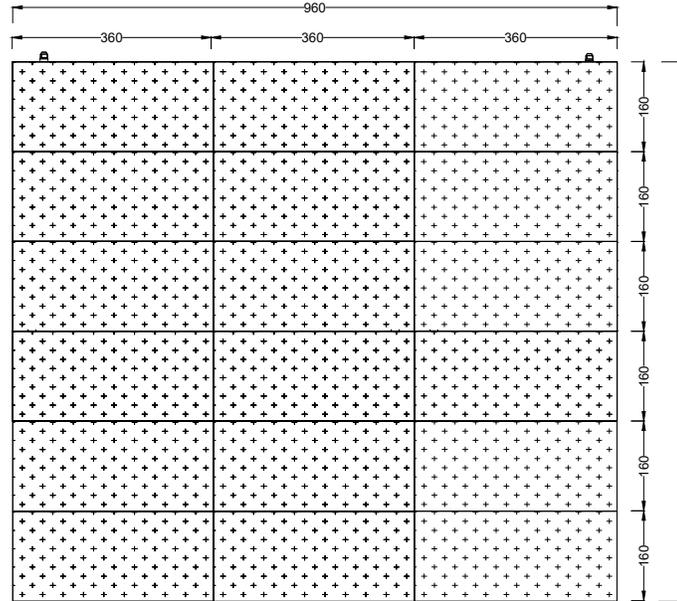
Top View



Back View



Side View



Front View

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