LED Outdoor Display
WL11-OD Series

◥ INTRODUCTION

WL11-OD Series displays are designed to withstand harsh weather conditions and provide bright, high-contrast images that are visible from a distance.

They typically consist of a matrix of LED pixels that can be individually controlled to produce a wide range of colors and animations. The resolution of outdoor LED displays can vary from low-resolution screens that display simple text and graphics to high-resolution screens that can display HD or even 4K video.

WL11-OD Series displays can be customized to meet the specific needs of the user, including size, shape, and pixel density. They can also be controlled remotely using specialized software, allowing for real-time updates and content scheduling.

◥ FEATURES

- Brightness: WL11-OD outdoor LED displays is easily visible in daylight and under bright sunlight. Look for displays with a high brightness rating to ensure good visibility.
- Weather resistance: WL11-OD outdoor LED displays designed to withstand exposure to rain, wind, and extreme temperatures. Look for displays with an IP65 or higher rating to ensure weather-resistant.
- Viewing angle: WL11-OD outdoor LED display with a wide viewing angle ensures that it can be seen clearly from a range of different positions and angles.
- Contrast ratio: The contrast ratio of WL11-OD outdoor LED display are generally better,against a bright background.
- Energy efficiency: WL11-OD outdoor LED displays have energy-efficient to help minimize running costs.
- Pixel pitch: WL11-OD Series display have smaller pixel pitch which results in higher image resolution and better picture quality.
- Connectivity: WL11-OD outdoor LED displays can be controlled remotely using a computer or mobile device.
- Modular design: WL11-OD outdoor LED displays with unique cabinet design –Easy to Install & Transport.

WL11-OD Series

FEATURES INDETAIL

Low gray scale

High gray scale

Excellent Display Effect

Broadcast color gamut, color temperature intelligent adjustable, moderate brightness, long time viewing without fatigue, ultra-high refresh display, fast frame change speed, eliminate ghost without trailing, low light high ash non-destructive technology.

Stable & Reliable with IP65 Rating

The special waterproof design of LED Screen protects it from water and dust. When installed in outdoor areas, protection is a serious matter. Special guard protects it from environment dangers. High IP Rating -IP65 ensures great quality outputs in every condition.Fully sealed magnesium aluminum box design, anti-corrosion, flame retardant, UV resistance.

Easy to Install & Transport

The special unique cabinet design of LED Screen protects it from water and dust. When installed in outdoor environment, protection is a serious matter. Special guard protects it from environment dangers. Also to ensure the long-life span and good performance.
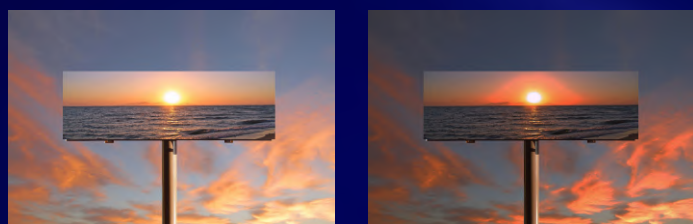
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Wide Viewing Angle

A wide viewing angle of 140° horizontal and 120° in vertical which reaches more viewers. The picture quality remains seamless in all direction and at a distance, presenting all viewers the same highly quality outputs. This makes it suitable for large gathering and outdoor advertisement.

140°

140°

Smart Brightness For Always Stunning Images

A wide viewing angle of 140° horizontal and 120° in vertical which reaches more viewers. The picture quality remains seamless in all direction and at a distance, presenting all viewers the same highly quality outputs. This makes it suitable for large gathering and outdoor advertisement.

All-Weather Durability

Our IP65 waterproof LED modules offer exceptional protection against extreme weather, ensuring stable performance and longevity. The fanless power supply with waterproof seals further guarantees durability and reliable operation.

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SPECIFICATIONS

Product Name	WL11-OD-P2.5	WL11-OD-P3	WL11-OD-P4	WL11-OD-P5	WL11-OD-P6	WL11-OD-P8	WL11-OD-P10
Pixel Pitch(mm)	2.5	3	4	5	6.67	8	10
Pixel Density (pixels/sqm)	160,000	105625	62,500	40,000	22,500	15,625	10,000
Cabinet Resolution	384×384	312×312	240×240	192×192	144×144	120×120	96×96
Cabinet Dimension(mm)	960×960	960×960	960×960	960×960	960×960	960×960	960×960
Lamp Type	SMD1415	SMD1921	SMD1921	SMD2727	SMD3535	SMD3535	SMD3535
Module Size(mm)	320×160	320×160	320×160	320×160	320×160	320×160	320×160
Module Resolution	128×64	104×52	80×40	64×32	48×24	40×20	32×16
Optimum Viewing Distance(m)	2.5-50	3-50	4-65	5-72	6-80	8-90	10-100
Horizontal Viewing Angle	≥160°	≥140°	≥140°	≥140°	≥140°	≥140°	≥140°
Vertical Viewing Angle	≥140°	≥120°	≥120°	≥120°	≥120°	≥120°	≥120°
Control System	Sychronous Control						
Average Power Consumption(w/m²)	400	420	385	385	320	320	320
Max Power Consumption(w/m²)	800	1350	1150	1150	1000	1000	1000
Drive Mode	1/16	1/16	1/10	1/8	1/6	1/5	1/2
Refresh Rate	1920Hz/3840Hz						
Brightness(cd/m²)	4500	4500	4500	4500	4500	4500	5500
Operating Temp(℃)	-20℃~60℃						
Storage Temp(℃)	-25℃~60℃						
Life Time	75,000~100,000hr						

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