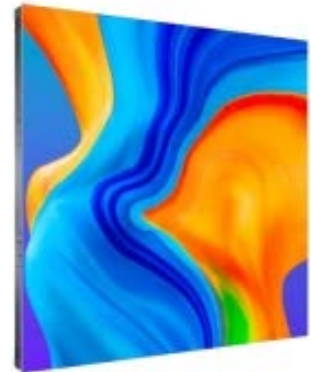


LED High Brightness Outdoor Display

TW31-HOD Series



INTRODUCTION

TW31-HOD 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.

HOD 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

- All-aluminum bottom shell, high ignition point, high fire protection level, can pass TUV agency 5VB fire test certification
- Specially designed waterproof rubber ring, multi-layer waterproof protection, protection level up to IP65
- Made of all-aluminum material, ultra-high-grained heat dissipation rib design, high heat dissipation efficiency;
- Divided voltage power supply design, low heat and long service life
- Hard connection design, high stability.
- Innovative circuit design, high brightness efficiency, can achieve 10,000-level brightness display.
- Full front maintenance design and full rear maintenance design facilitate installation and save installation space.
- Light and thin design, the weight can be as light as 30kg/m, and the thickness can be as thin as 77mm;
- Innovatively designed mask with a brim height of 2.5mm to improve contrast;

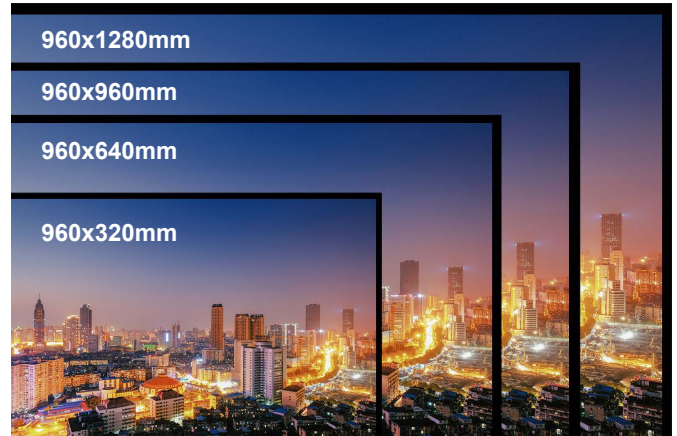
TW31-HOD Series

RELEVANT FUNCTION INDICATION



High ROI Saving Energy

The HOD Series outperforms other DIP products by saving 25% energy, significantly reducing operational costs and enhancing ROI. Ideal for businesses aiming for cost-effective, sustainable visual display solutions.



Flexible Size

Can meet the size requirements of different sites

Ultra Slim And Lightweight Design

Its ultra-slim, lightweight design simplifies installation and maintenance, enabling one-person operation. Front and rear access enhances ease of use across various applications.



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.

Front And Rear Maintenance Design



Maintenance design in front of power box



Module front maintenance design

Smart Brightness For Always Stunning Images

Our screen's brightness automatically adjusts to outdoor conditions and sunlight, ensuring optimal display quality while reducing power consumption. Ideal for energy-efficient, clear visuals in outdoor advertising, public information displays, and entertainment venues.



SPECIFICATIONS

Model	TW31-HOD-P5.7E	TW31-HOD-P6.67E	TW31-HOD-P8E	TW31-HOD-P10E
Pixel Pitch	5.7mm	6.67mm	8mm	10mm
LED Configuration	SMD2727			
Pixel Density	30625dot/m ²	22500dot/m ²	15625dot/m ²	10000dot/m ²
Module size	480*320mm			
Module Resolution	84*56 dot	72*48 dot	60*40 dot	48*32dot
Cabinet Size	960*960*77mm			
Cabinet Resolution	168*168dot	144*144dot	120*120dot	96*96dot
Cabinet Weight	28kg			
IP Rating (front/back)	IP65			
Brightness Intensity	7500 cd	9000 cd	10000 cd	10000 cd
Viewing Angle (H/V)	140°/140°			
View Distance	>5m			
Gray Scale	14bit			
Display Scale	16.7M			
Brightness Adjustment	0-100 levels adjustable			
Max.Power Consumption	800W/m ²			
Ave.Power Consumption	320W/m ²			
Drive Mode	1/7S	1/6S	1/4S	1/2S
Refresh Frequency	≥3840HZ			
Gamma Correction	- 5.0~+5.0			
Environmental	OUTDOOR			
Control Mode	Synchronous display with control PC by DVI Composite			
Support Input	Vido,Component,VGA,DV I,H DMI,HD_SDI			
Operation Power	AC100~240 50/60HZ			
Operating Temperature	- 20°C ~+50°C			
Operating Humidity	10~95% RH			