

LED Outdoor Rental Display

TW21-OR Series

INTRODUCTION

Our LED Rental displays are designed for flexibility and ease of use, featuring lightweight, modular panels for quick assembly and disassembly. Ideal for events and exhibitions, they deliver stunning visual clarity and vibrant colors, enhancing audience engagement and providing a memorable viewing experience in any temporary setup.



FEATURES

- Easy to use The TW21-OR series adopts a modular lightweight structure, which is easy to install and disassemble. It is easy to use, easy to maintain, and quick to install. It is suitable for various activities and occasions.
- The cabinet is equipped with a quick lock device to facilitate the loading and unloading of the cabinet. Users can lock the cabinet together quickly and firmly without any tools or special skills;
- Adjustable arc (option)
- The cabinet is equipped with an angle adjustment lock, which can adjust the angle of the cabinet to create a customizable curved LED display to meet the personalized needs of the event.
- Lightweight and portable
- The TW21-OR series rental LED display is lightweight and portable, easy to transport and install.
- Wide viewing angle
- The TW21-OR series rental LED display has a wide viewing angle, and viewers at different angles and distances can watch the display content.
- Seamless design
- Energy saving
- The TW21-OR series is an energy-saving product with lower energy consumption than traditional displays, energy saving and environmental protection to reduce operating costs.
- Easy to maintain

TW21-OR Series

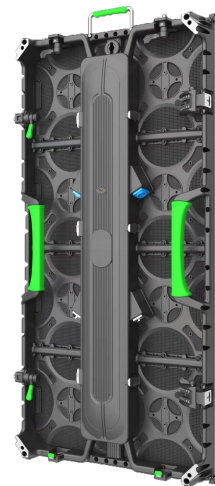


Combined Dimensions Of Two Different Cabinets

The TW21-OR series is available in two cabinet heights (500mm and 1000mm), enabling multiple combinations and quick installation via connecting plates, ensuring an efficient setup and customized visual experience for every application.

High Quality Die-Casting Aluminum

TW21-OR screen used high-quality die-cast aluminum cabinets that are durable, lightweight, and easy to install. These cabinets enhance heat dissipation and provide superior protection against moisture and dust, ensuring prolonged lifespan and consistent performance. Ideal for venues that demand reliability and ease of maintenance, they offer a seamless visual experience in any environment.



Calming Appearance

TW21-OR screen feature a calming appearance and are user-friendly, with a modular, lightweight structure for effortless transportation and installation. Quick Locks and an Angle Adjustment Lock allow for secure assembly and flexible angle adjustments, enabling curved display configurations tailored to any event's specific needs, enhancing visual engagement and setup efficiency.



- 1: Handle
- 2: Quick lock
- 3: Module handle
- 4: Connection lock with angle adjustment
- 5: Aviation socket



Edge Protection Design (Option)

Protective corners on our LED display enclosures safeguard the edges and corners against collisions and damage during installation or transportation. This critical feature not only extends the lifespan of the display but also ensures its reliability and performance, providing peace of mind in various settings from event staging to permanent installations.

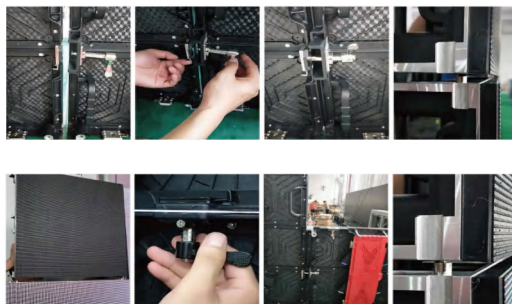
Fast Installation

Hanging lock system for fast installation, time-saving.



Curvature Setting, Easy And Precise

keeps the curve range of $\pm 15^\circ$ and presents creative shapes.



Waterproof Performance

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.

APPLICATION SCENARIO



SPECIFICATIONS

Specification	TW21-OR-P2.9	TW21-OR-P3.9	TW21-OR-P4.8
Pixel Pitch(mm)	2.976mm	3.91mm	4.81mm
Pixel Density (Pixels/Sqm)	112,896	65,536	43,264
Cabinet Resolution	168×168/168×336	128×128/128×256	104×104/104×208
Cabinet Dimension(mm)	500×500/500×1000	500×500/500×1000	500×500/500×1000
Module Size(mm)	250×250	250×250	250×250
Module Resolution(mm)	84×84	64×64	52×52
Optimum Viewing Distance	3m-50m	3m-60m	4m-70m
Horizontal Viewing Angle	≥160°	≥160°	≥160°
Vertical Viewing Angle	≥160°	≥120°	≥160°
Control System	Synchronous Control	Synchronous Control	Synchronous Control
Average Power Consumption	147w/Sqm	147w/Sqm	147w/Sqm
Max Power Consumption	520w/Sqm	520w/Sqm	520w/Sqm
Drive Mode	1/21	1/16	1/13
Refresh Rate	1920Hz/3840Hz	1920Hz/3840Hz	1920Hz/3840Hz
Brightness	3500cd	3500cd	3500cd
Frame Rate	50/60	50/60	50/60
Brightness Adjustment	16 levels	16 levels	16 levels
Cabinet Weight	7.5KG/15KG±0.05KG	7.5KG/15KG±0.05KG	7.5KG/15KG±0.05KG
IP Level	IP65		
Curve	0-90°	0-90°	0-90°
Operating Temp(°C)	-20°C ~60°C		
Storage Temp(°C)	-25°C ~60°C		
Life Time	75,000~100,000hr		