

# LED Transparent Display

## TW11-TRI&TRO Series

### INTRODUCTION

Transparent LED screen is an advanced display technology that uses light-emitting diodes (Lamps) to produce an image on a semitransparent surface. The Lamps are arranged in a grid pattern that can be controlled digitally, allowing for interactive visuals and dynamic content. In simpler words, transparent LED is an upgraded version of standard LED display panels. The transparency of these displays allows them to blend into their surroundings while providing captivating visuals without blocking out natural light or views of the outside world. It makes them ideal for retail stores, office spaces, museums, airports, and other spaces where visibility is essential.



### APPLICATION SCENARIO



Stages



Shopping Mall



Luxury Store



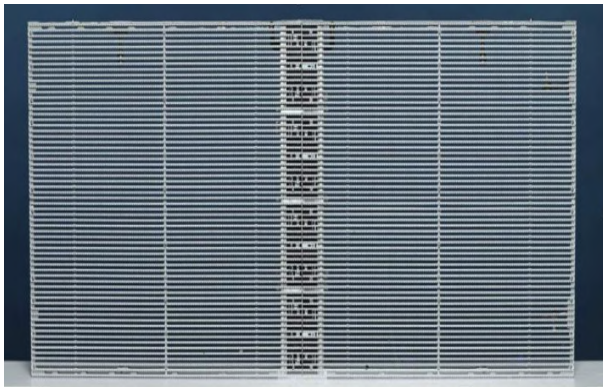
Airport

## TW11-TRI&TRO

## FEATURES IN DETAIL

### Ultra Light Weight

The LED grid offers an ultra-light design. It reduces the need for bulky support structures. Flexible installation protects the building's appearance without compromising visual performance.



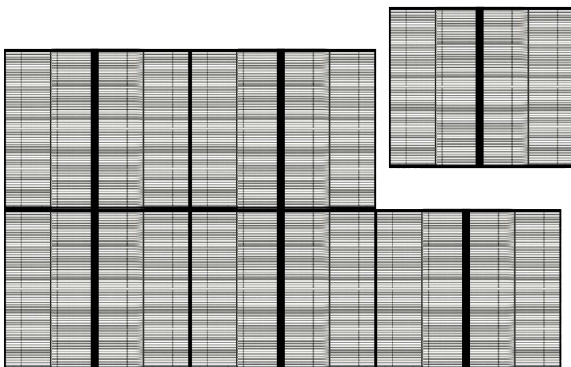
### High Transparency

Using positive luminescence display technology, the transparency can reach 55%. Does not affect lighting and sight lines. Still visible under bright light.



### Easy installation

The simple connector design between cabinets greatly shortens the construction time of assembling the screen, which is very suitable for concerts, hotels, commercial stores, and other places.



### Easy Maintaining

It can be repaired at lamp or replace module can be replaced front and rear maintenance, the maintenance cost is very low and fast



## SPECIFICATIONS

Product Name	TW11-TRI-LP3.9	TW11-TRI-P3.9	TW11-TRO-P3.9	TW11-TRO-P10
Pixel Pitch	3.9×7.8 mm	3.9×7.8 mm	3.9×7.8 mm	10.42×10.42mm
pixel Composition	SMD 2121	SMD 1921	SMD 1921	SMD3535
Transmittance	>55%	>55%	>55%	>40%
Pixel Density(pixel/sqm)	32,256	32,256	32,256	9,216
Cabinet Size (length × width)	1000x 500mm 1000x1000mm	1000x 500mm 1000x1000mm	1000x 500mm 1000x1000mm	1000x 500mm 1000x1000mm
Screen Material	Profile box	Profile box	Profile box	Profile box
Drive Method	1/16 scanning	1/16 scanning	1/8 scanning	1/2 scanning
Color Processing Depth	12bit	12bit	12bit	12bit
Screen Weight	5 kg	5 kg	5 kg	10 kg
Horizontal Viewing Angle	140 °	140 °	140 °	110 °
Refresh Frequency	1920 Hz	1920 Hz	1920 Hz	1920 Hz
Brightness	800nit	2000nit	4500nit	6000nit
AC Input Frequency	50 ~ 60 Hz			
AC Input Power Maximum	800 W			750W
AC Input Power Average	250 W	250 W	300 W	230 W
Screen Installation Method	Hanging, Standing, Hoisting			
Maintenance Method	Rear Maintenance			Front Maintenance Rear Maintenance