

Virtual Shooting LED Display

TW31-XR Series

INTRODUCTION

XR virtual shooting LED screen is an advanced display technology that provides a more realistic shooting background for film and television production by simulating the natural environment. It can bring actors into any preset scenes, such as landscapes, cities, space, etc., providing directors with more creative possibilities and improving efficiency.

A high-quality display can provide a more immersive and realistic experience. Some XR devices utilize OLED or LED panels to achieve this, as these technologies can provide high contrast, low latency and wide viewing angles, which are key factors in improving the user experience.



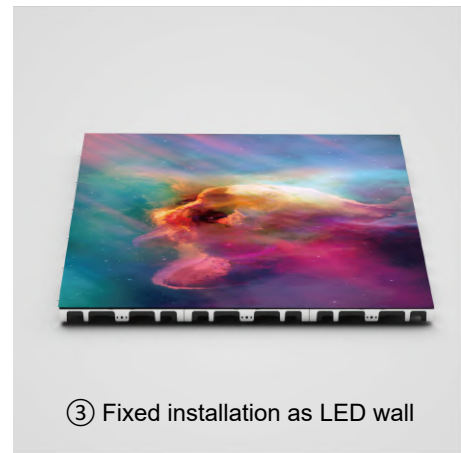
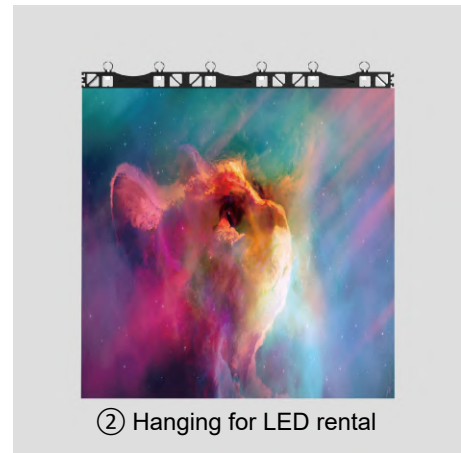
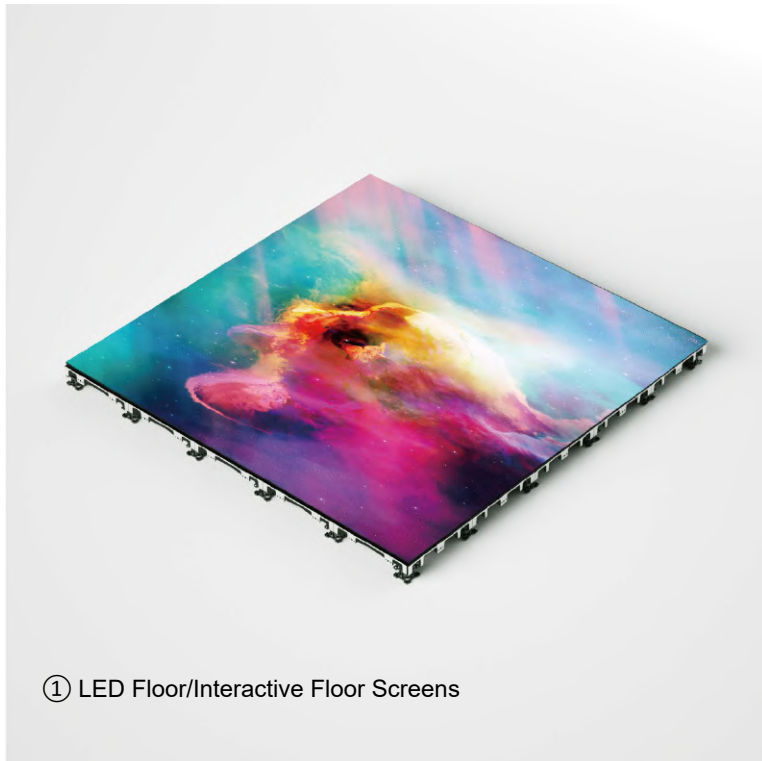
FEATURES

- XR LED technology supports high-resolution display, making images clearer and providing users with a more delicate visual experience.
- Low-latency image rendering can be achieved, which is especially important for real-time interaction in virtual reality.
- Provide high-brightness output so that pictures can remain clearly visible under different lighting conditions.
- Cover a wider color gamut and bring more vivid and realistic color performance.
- Provides higher contrast, making blacks deeper, whites brighter, and images richer.
- Compared with traditional display technology, LED screens are more energy-efficient and help extend the battery life of the device.
- Provides a wide viewing angle to ensure image quality does not degrade when viewed from different angles.
- Fast response time reduces blur and smear, especially important for fast action scenes.
- High stability helps reduce color shift and brightness reduction during long-term use.

TW31-XR

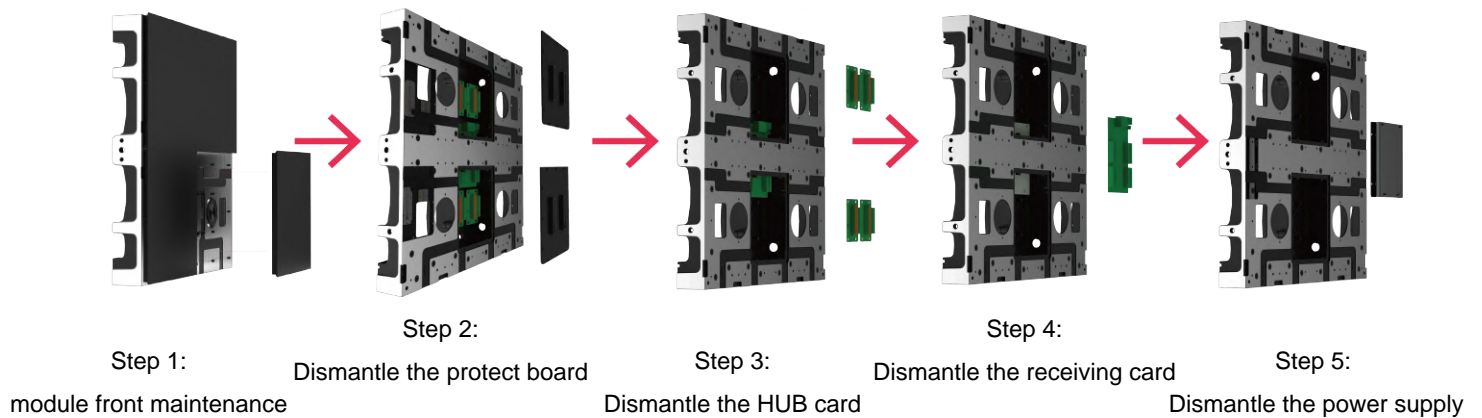
3 Types of Installation

-LED Floor -LED Wall -LED Rental



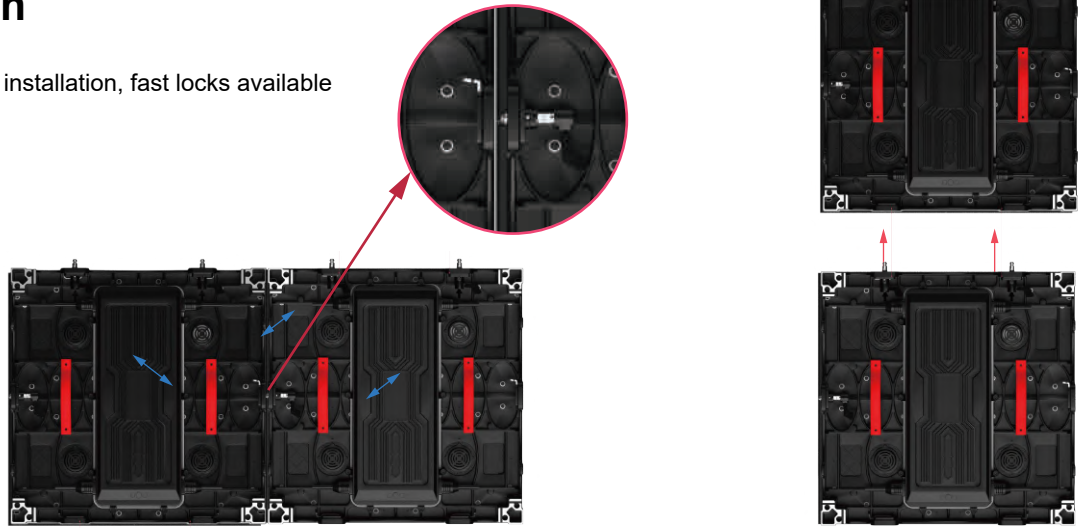
Component

Front maintenance for LED module, receiving card, and power supply



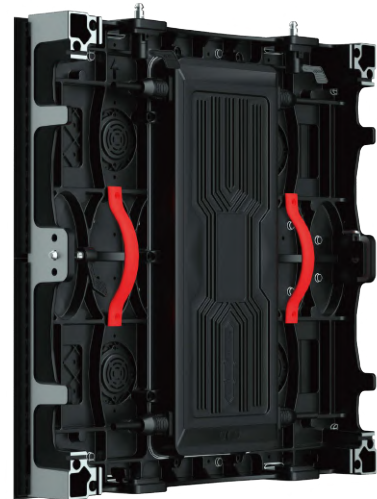
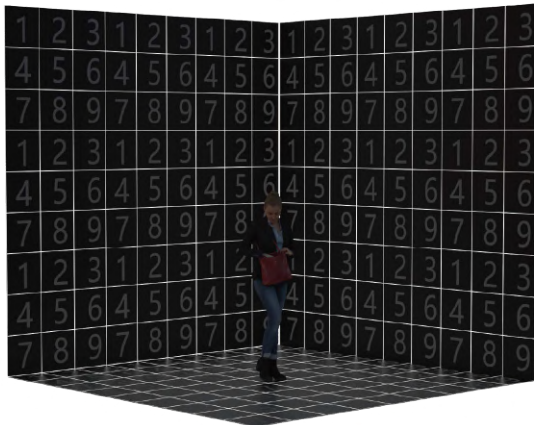
Installation

Easy for seamless installation, fast locks available



XR Solution Available

Soft or hard connection for modules, back-up power supply and receiving card available



PROJECT CASE



SPECIFICATIONS

Model Number	TW31-XR-03.9 GOB/ MASK	TW31-XR-04.8 GOB/ MASK	TW31-XR-05.2 GOB/ MASK	TW31-XR-06.2 GOB/ MASK
Pixel Pitch (mm)	P3.91mm	P4.81mm	P5.2mm	P6.25mm
Physical Density	65536 Dots/Sqm	43264 Dots/Sqm	36864 Dots/Sqm	25600 Dots/Sqm
LED Lamp	3 in 1 SMD			
LED Wavelength	R: 615-630nm / G: 512-535nm / B: 460-475nm			
LED Configuration	SMD1921	SMD1921	SMD1921	SMD1921
Resolution	64x64Pixels	52x52Pixels	48x48Pixels	40x40Pixels
Module Dimensions (W x H x D)	250x250mmx24mm			
Module Quantity	4			
Module Multi-touch Point	Sensor (Build-in)			
Cabinet Resolution	128x128 Pixels	104x104 Pixels	96x96 Pixels	80x80 Pixels
Cabinet Size (W x H x D)	500x500x60mm			
Cabinet Weight	11Kg			
Maintain Tool	Rechargeable/Hand Sucker			
Adjust Feet	Side Adjustable	Front/Side Adjustable	Front/Side Adjustable	Front/Side Adjustable
Cabinet Material	Die-cast Aluminum			
Load Capacity	2000Kg/Sqm			
Brightness (Adjustable)	4000 CD			
Grey Level	0~100% 256 Levels			
Viewing Angle	160°/160°			
Contrast Ratio	>6000: 1			
Color Temperature	8000K			
Gray Scale	16Bit			
Max Power Consumption	200W/Panel			
Ave Power Consumption	100W/Panel			
Operating Voltage	100-240V AC 50-60Hz			
Frequency	50-60Hz			
Refresh Rate	1920~7680Hz			
Signal Input Source	Ether CON 1Gpbs			
Drive Mode	1/16Scan	1/13Scan	1/12Scan	1/10Scan
Operating Temperature	-10°C~ +60°C			
Operating Humidity	10-90%RH Non-condensing			
IP Rating (Front/Rear)	IP54/IP45			
Operation Application	Outdoor			
LED Lifespan	≥100000h; ≥7x24h			
Certificate	CE, FCC, RoHS, ETL			