

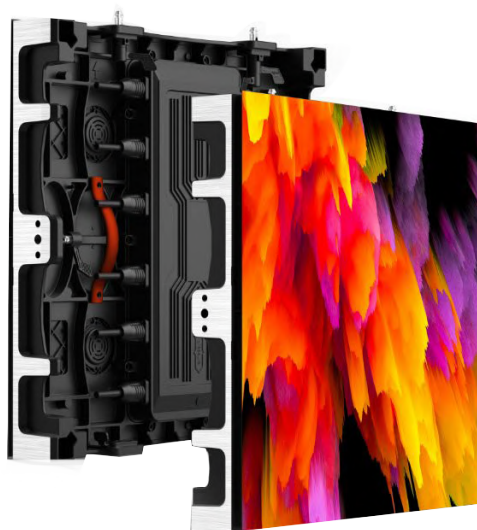
Virtual Shooting LED Display

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.



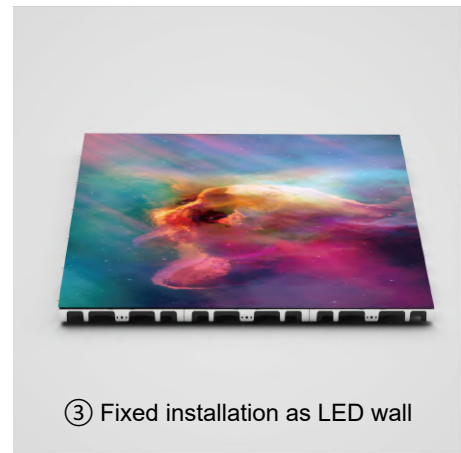
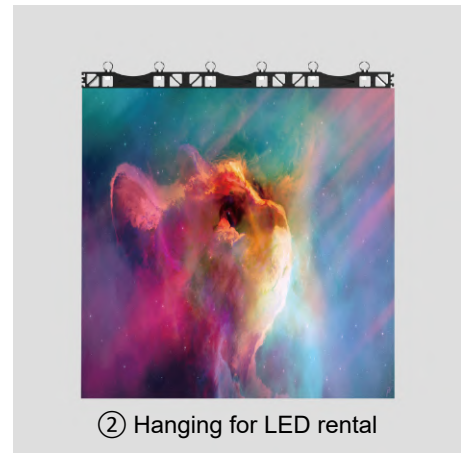
FEATURES

- 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

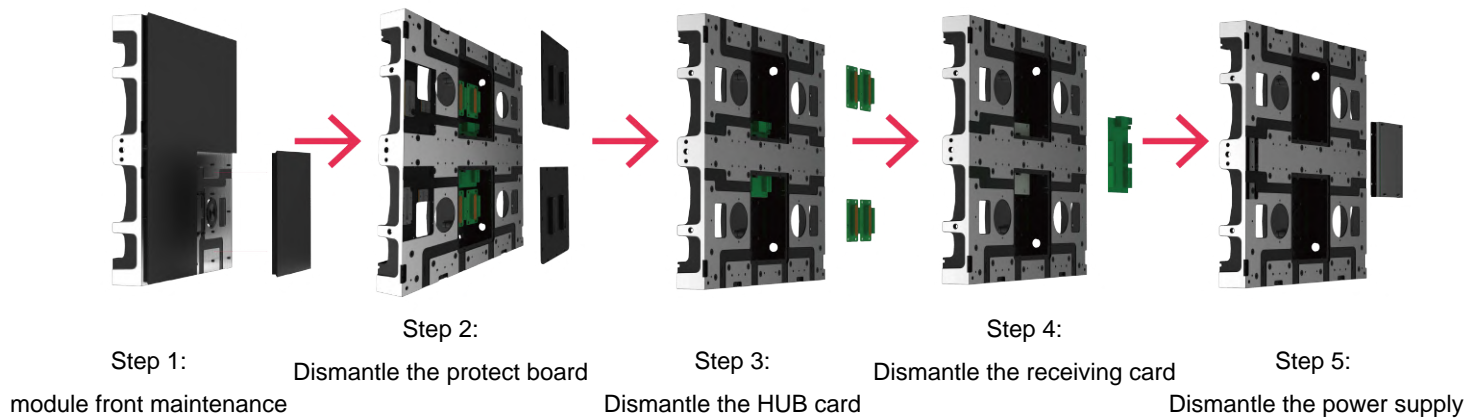
3 Types of Installation

-LED Floor -LED Wall -LED Rental



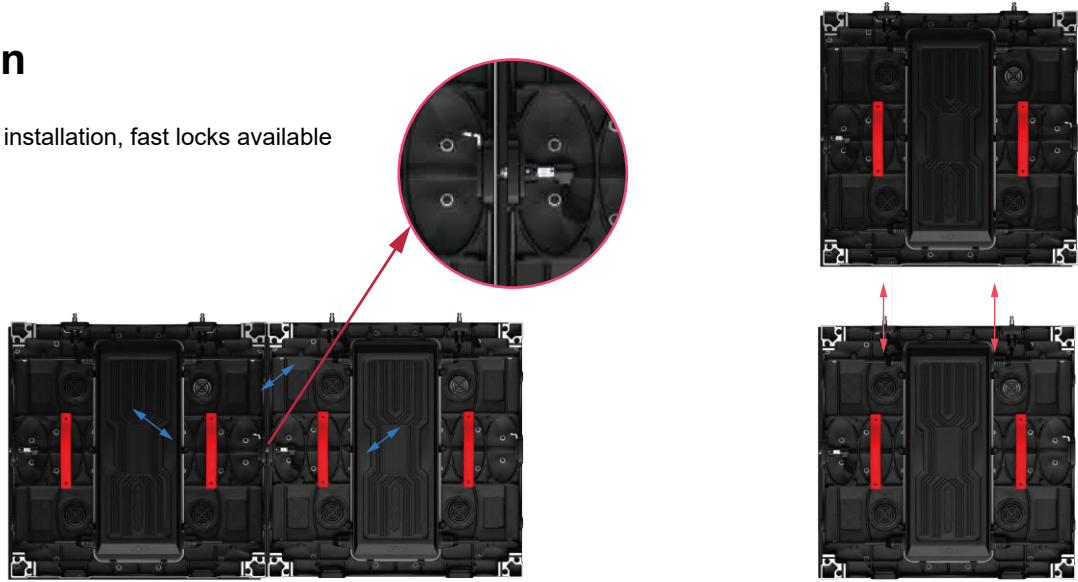
Component

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



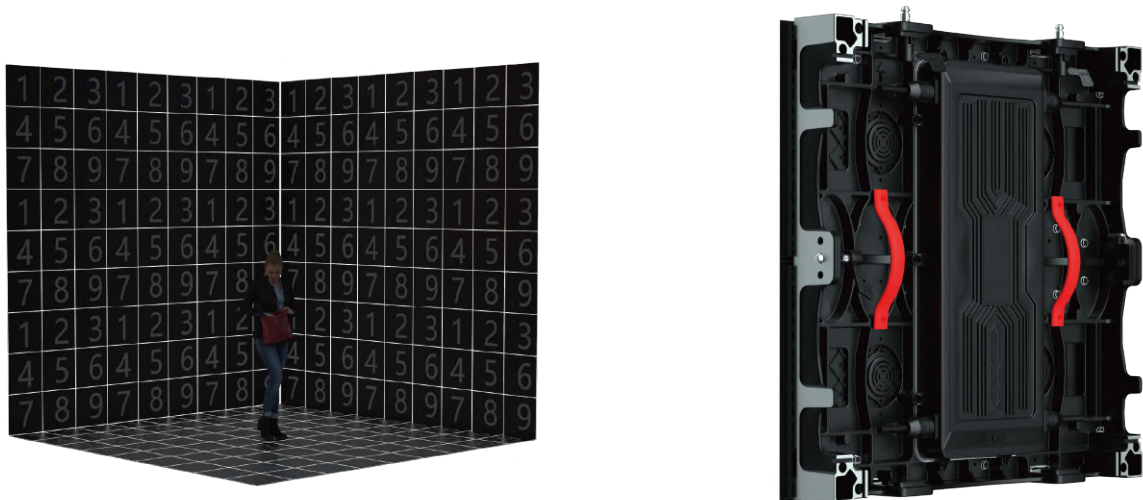
Installation

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-11.5 GOB	TW31-XR-11.8 GOB	TW31-XR-11.9 GOB	TW31-XR8-12.5 GOB/MASK	TW31-XR-12.6 GOB/MASK
Pixel Pitch (mm)	P1.524mm	P1.83mm	P1.95mm	P2.5mm	P2.6mm
Physical Density	430336 Dots/Sqm	295936 Dots/Sqm	262144 Dots/Sqm	160000 Dots/Sqm	147456 Dots/Sqm
LED Lamp	3 in 1 SMD				
LED Wavelength	R: 615-630nm / G: 512-535nm / B: 460-475nm				
LED Configuration	SMD1212	SMD1515	SMD1515	SMD1515	SMD1515
Resolution	164x164Pixels	136x136Pixels	128x128Pixels	100x100Pixels	96x96Pixels
Module Dimensions (W x H x D)	250x250mmx24mm				
Module Quantity	4				
Module Multi-touch Point	Sensor (Build-in)				
Cabinet Resolution	26896 Pixels	73984 Pixels	65536 Pixels	200x200 Pixels	192x192 Pixels
Cabinet Size (W x H x D)	500x500x60mm				
Cabinet Weight	11Kg				
Maintain Tool	Rechargeable/Hand Sucker				
Adjust Feet	Side Adjustable				
Cabinet Material	Die-cast Aluminum				
Load Capacity	1000Kg/Sqm	1000Kg/Sqm	1000Kg/Sqm	1000Kg/Sqm	1000Kg/Sqm
Brightness (Adjustable)	600-900 CD	600-900 CD	1500 CD	1500 CD	1500 CD
Grey Level	0~100% 256 Levels				
Viewing Angle	160°/160°				
Contrast Ratio	>6000: 1				
Color Temperature	8000K				
Gray Scale	14Bit	14Bit	14Bit	16Bit	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	1/41Scan	1/34 Scan	1/32 Scan	1/25 Scan	1/16 Scan
Operating Temperature	-10°C~ +60°C				
Operating Humidity	10-90%RH Non-condensing				
IP Rating (Front/Rear)	IP54/IP45				
Operation Application	Indoor				
LED Lifespan	≥100000h; ≥7x24h				
Certificate	CE, FCC, RoHS, ETL				

SPECIFICATIONS

Model Number	TW31-XR-12.9 GOB/ MASK	TW31-XR-13.9 GOB/ MASK	TW31-XR-14.8 GOB/ MASK	TW31-XR-15.2 GOB/ MASK	TW31-XR-16.2 GOB/ MASK
Pixel Pitch (mm)	P2.976mm	P3.91mm	P4.81mm	P5.2mm	P6.25mm
Physical Density	112896 Dots/Sqm	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	SMD1415	SMD1921	SMD1921	SMD1921	SMD1921
Resolution	84x84Pixels	64x64Pixels	52x52Pixels	48x48Pixels	40x40Pixels
Module Dimensions (W x H x D)	250x250mmx24mm				
Module Quantity	4				
Module Multi-touch Point	Sensor (Build-in)				
Cabinet Resolution	168x168 Pixels	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	Front/Side Adjustable	Side Adjustable	Front/Side Adjustable	Front/Side Adjustable	Front/Side Adjustable
Cabinet Material	Die-cast Aluminum				
Load Capacity	1000Kg/Sqm				
Brightness (Adjustable)	1500 CD				
Grey Level	0~100% 256 Levels				
Viewing Angle	160°/160°				
Contrast Ratio	>6000:				
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	1/21 Scan	1/16Scan	1/13Scan	1/12Scan	1/10Scan
Operating Temperature	-10°C~+60°C				
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