LINSN LED
Innovation & Solution

Website: www.linsnled.com

XR CINEMATOGRAPHY SOLUTION

Product+Controller

Linsn LED Rental Stage LED Display
Novastar VMP+MX40 Pro + A10s Pro

- XR Stage Series
- Novastar XR Solution

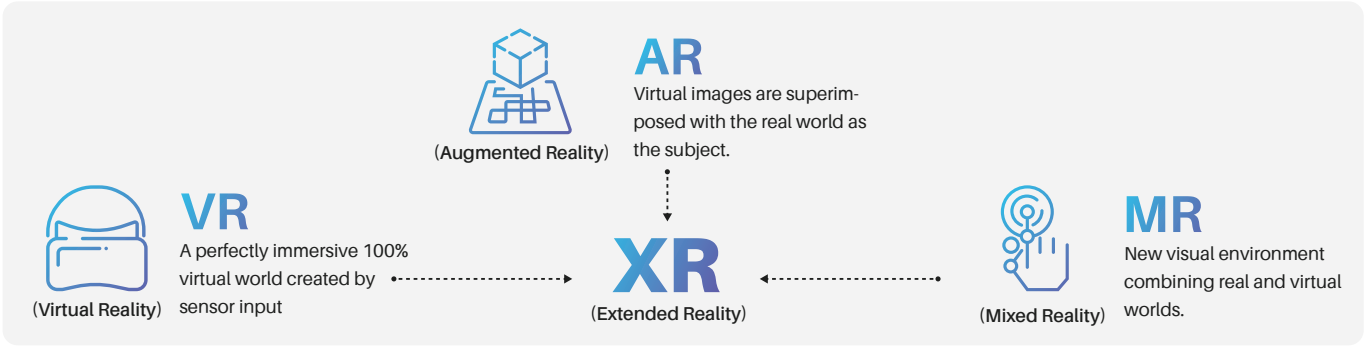
SHENZHEN LINSN LED CO.,LTD.

What Is XR Technology?

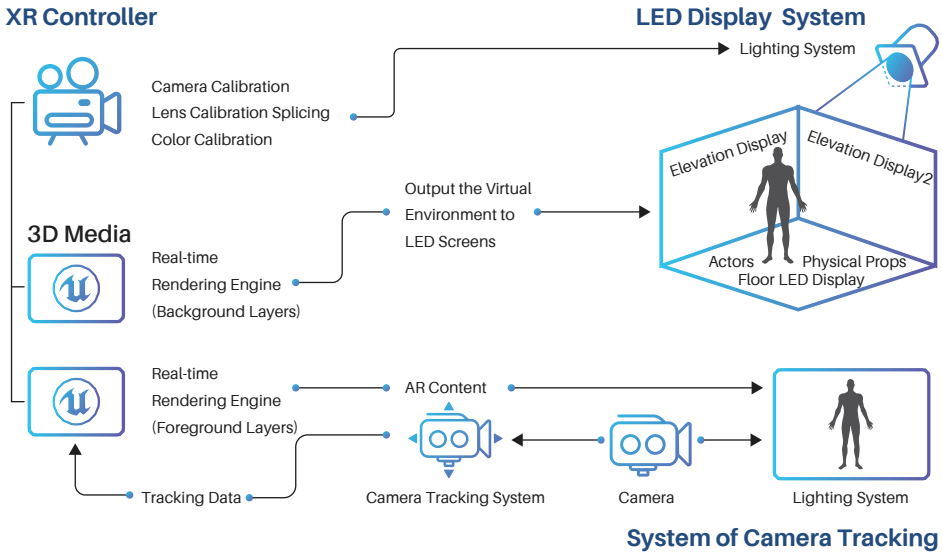
XR is a general term that includes multiple layers of AR, VR, and MR to achieve the integration and transformation from real to virtual environments.

The Background of XR Technology Development

· The rapidly developing online live industry, which provides good ground for its development.
· XR technology continues to break through bottlenecks, producing revolutionary upgrades in application experiences.
· XR and LED display technologies are now integrated into many aspects of daily life beyond technical research.



Rendering Engine & Control Server System



System of Camera Tracking

Why Choose Linsn LED?

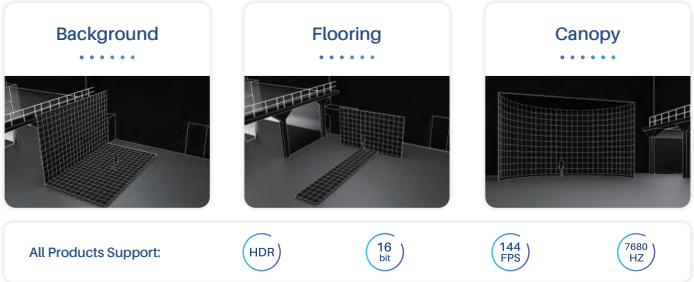
12,000m²
Modern Factory

>100
Patent Certificates

>3,000m²
Production Capacity

What Can Linsn LED Team Bring to You?

Establishing A 3D Space of LED Display
A 3D semi-immersive space composed of curved LED vertical screens, sky screens and floor screens, replacing the conventional green screen.

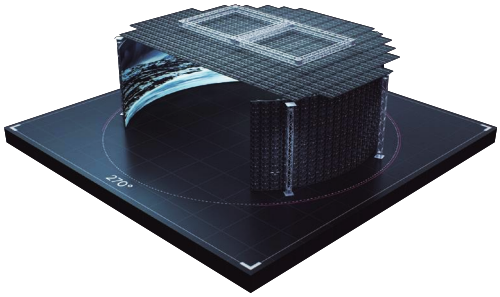


XR Stage Series

(1) High definition: the pixel pitch is P2.604, making the screen a small pixel LED display.
(2) High refresh rate: high refresh rate up to 7680Hz, enabling stable visual performance without flickering when filming.
(3) Wide grayscale: 16 bit grayscale, more delicate image quality.
(4) Support almost all types of contents: 4K HD videos allowed.

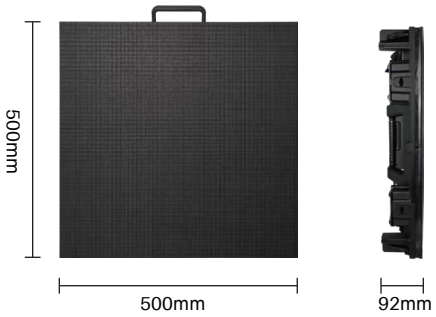
The Linsn LED XR series has been specifically developed for use in the film and television industries, virtual production studios, and extended reality applications. The XR LED panel offers reliable performance with sophisticated, high-speed components such as wide color gamut LEDs, high-speed, high-grayscale IC drivers, and broadcast-standard processing.

Frame multiplexing



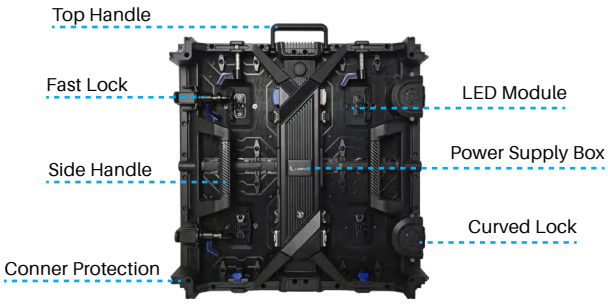
Supports frame multiplexing allowing users to reframe multiple video feeds in the same time field. Utilizing the camera's genlock phase offset, it becomes possible to output multiple effects simultaneously within a single shooting scene, improving work efficiency and
reducing cost.

Lightweight and thin



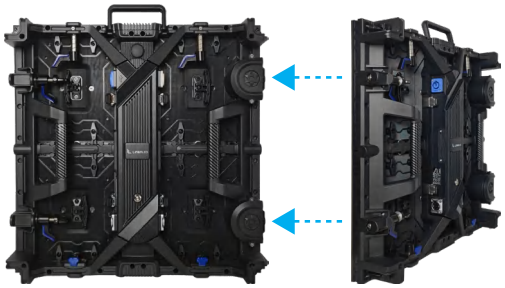
Portable and stable, with a weight of 6.5kg per cabinet and a thickness of 92mm. The lightweight feature makes the LED display easy to carry, transport, and install, saving a good amount of money on your labor costs.

Perfect structure



Linsn LED has a top domestic design team, with unique design philosophies and a range of core technologies. Innovative structural designs and avant-garde body lines promise an extraordinary experience.

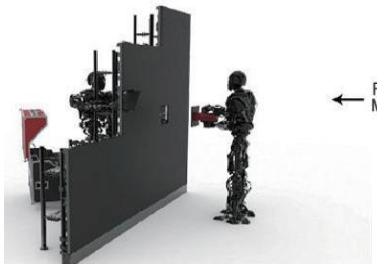
Fast installation

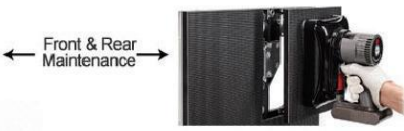


Auto-locking system for fast and easy installation with ultimate safty and pixel protection.

Front & real maintenance

The Linsn LED XR stage series rental LED display is a dual-maintenance product. It is not only 100% front-accessible but also allows for rear service. The LED panels are magnetic and can be removed from the front side with tools in just 5 seconds. This makes maintenance easy and convenient, saving you costs and labor.





VMP+MX40 Pro+A10s Pro

The solution of the XR virtual shooting LED control system can effectively solve the problems of black field, scanning line and other LED realistic picture details in shooting, and create a shooting scene that can be perfectly comparable to the real environment by virtue of the targeted function design of shooting scenes and the unique industry advantage picture quality improvement technology.

Normal display effect

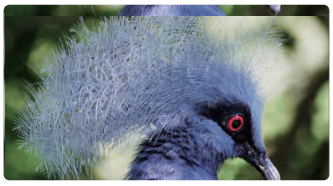
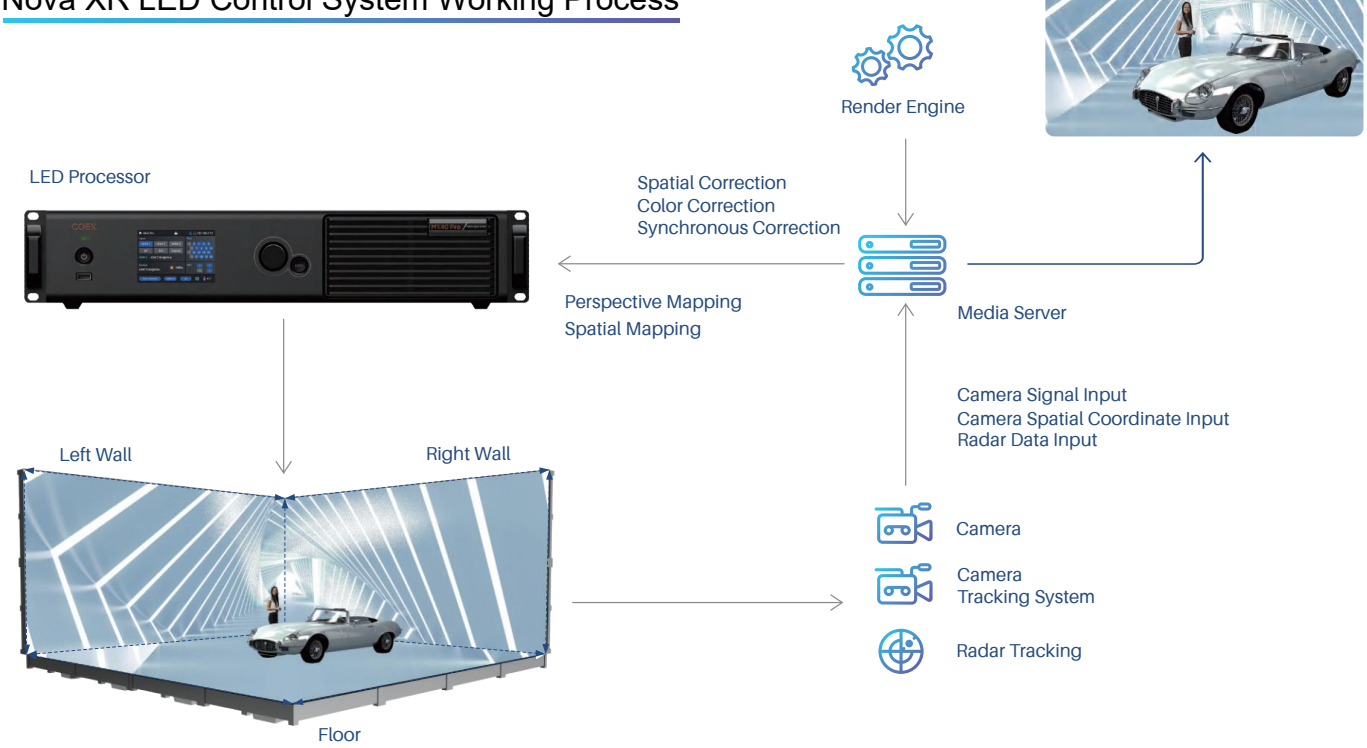


Image quality engine+dynamic engine display effect

Solution features

Image quality engine

Dynamic engine

The MX series control system is equipped with a new generation of Nova's image quality engine and dynamic engine to improve image quality in an all-round way, creating an immersive shooting scene, and providing full guarantee for XR scene shooting.

Nova XR LED Control System Working Process