

XR CINEMATOGRAPHY SOLUTION

Product + Controller

Rental Stage LED Display

Novastar VMP + MX40 Pro + A10s Pro



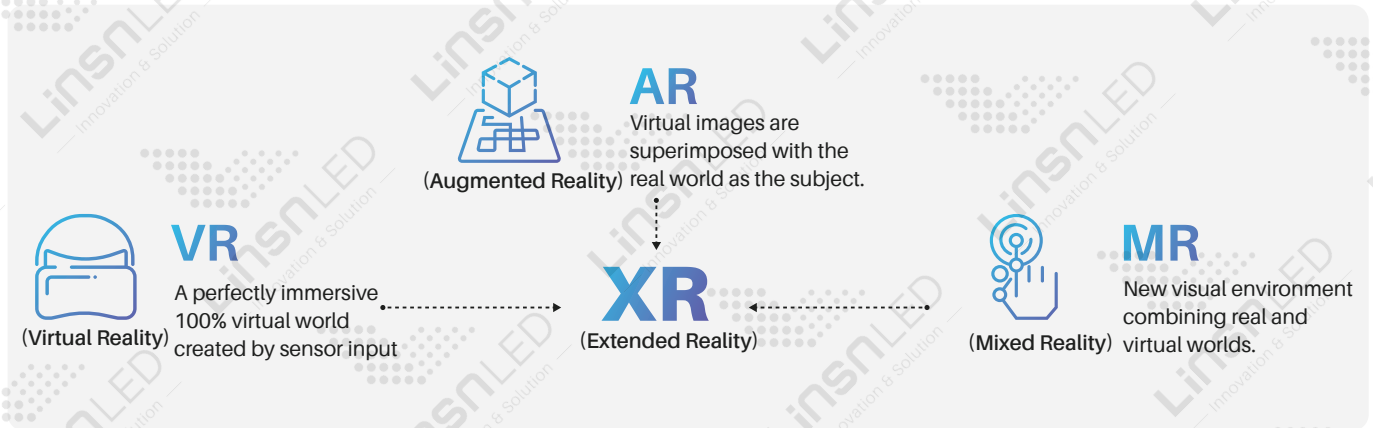
- XR Stage Series
- Novastar XR Solution

What Is XR Technology?

XR is a general term that includes multiple layers of AR, VR, and MR to transform from real to virtual.

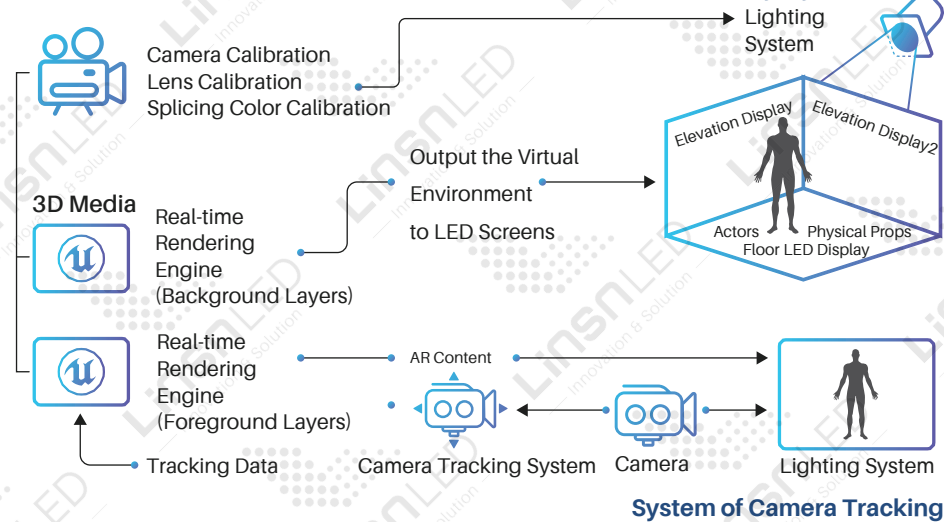
The Background of XR Technology Development

- The rapidly developing online live industry, which provides good ground for its development.
- XR technology continues to produce 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

XR Controller



Why Choose Us?

- 12,000m² Modern Factory
- >100 Patent Certificates
- >3,000m² Production Capacity

What Can Our 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.

Background

Flooring

Canopy

All Products Support: HDR, 16 bit, 144 FPS, 7680 HZ

XR Stage Series

- (1) High definition: P2.604 small pixel LED display.
- (2) High refresh rate: high refresh rate up to 7680Hz 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.



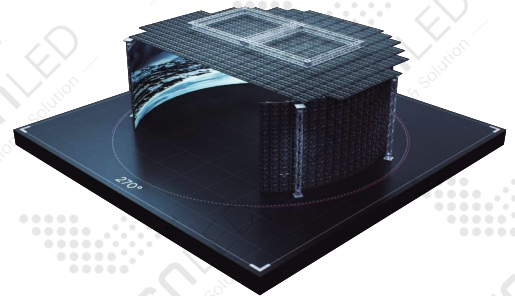
XR series has been specifically developed for use in the film and television industries, virtual production studios, and extended reality applications.

The XR LED panel offers high-speed components such as wide color gamut LEDs, high-speed 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.



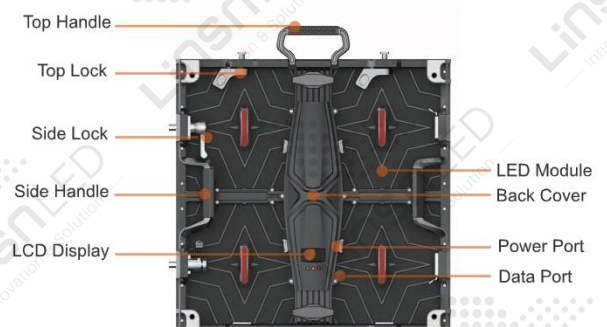
Lightweight and thin

Portable and stable, with a weight of 7.5kg per cabinet and a thickness of 80mm. 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

We have 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 safety and pixel protection.



Front & rear maintenance

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

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 and the unique industry advantage picture quality improvement technology.



Normal display effect

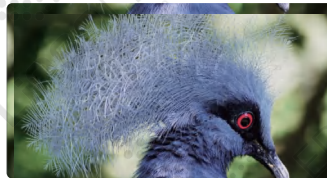


Image quality engine + dynamic engine display effect

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

