An **uncompressed playback** architecture allows the server to display media content up to **64 megapixels at 30 fps**.

Used in combination with cameras and optical markers, XENON can achieve **volumetric mapping** and **automatic video projector alignment and blending**.

XENON’s transparent networking architecture facilitate live backups and seamless media server replacement.

Handle uncompressed graphics as high as **16K x 16K** through **auto-splitting**, our transparent media segmentation and routing feature.

Features a **professional, real-time color grading tool** that will help you get the desired look quickly without re-rendering any content.

XENON’s 3D Scene module allows the creation of **projection studies**, full **3D project simulations**, including Oculus Rift support for **immersive presentations**.

XENON’s **intuitive Timeline** makes it easy to edit, compose or **playback multiple layers of video**.

Fluent in **MIDI, ArtNet, TCP and UDP**, XENON has been designed to foster **synergies with other products** such as controllers, sequencers, lighting equipment and audio processors.
## Outputs
- 2 x 4K model (4x 2K | 3x 3K)
- 4 x 4K model (8x 2K | 6x 3K)

## Inputs
- 41 x 3G-SDI
- 4 x 3G-SDI | 1x quad-link 4K SDI
- 8 x 3G-SDI | 2x quad-link 4K SDI
- 1 x 12G - SDI

## Storage capacity
- 7 TB (8 x 1 TB SSD in RAID 5)
- (3.5TB, 7TB, 15TB, 31TB, 63TB storage available)

## Bandwidth
- 8 x 22 x SSD | RAID configuration
- SSD models: 960TB / 1920TB / 3840TB
- Default: 6.1TB | 8 x 960TB SSD
- Max: 73.3TB | 22 x 3840TB SSD

## Network
- 2 x 10 Gbps
- 2 x 1 Gbps Ethernet connectors

## Chassis
- **Width:** 434 mm
- **Height:** 90 mm
- **Depth:** 754 mm
- **Case:** 2U Rackmount
- **Weight:** 22.2 kg

## Electrical & Operating
- **Line Voltage:** 100-240V AC Auto Switching
- **Power Consumption:** 500W
- **Heat:** Max 1700 BTU/h
- **Operation Temperature & Humidity:** 10°C to 35°C, 10% ~ 90% (non-condensing)
Architectural video mapping can now benefit from VYV’s years of technological development and experience in the world of large-scale stage productions and international touring.

XENON is a powerful yet affordable media server especially built for the needs of architectural mapping: full 3D geometric correction and edge blending calculation for tackling complex surfaces and a robust software and hardware architecture conceived for the demanding circumstances of continuous outdoor use. In addition to these features, we have included other elements that we feel are crucial for monumental video projection, such as professional color grading, media splitting and vision-based, automatic projector calibration.