



**XENON**

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**Move the unmovable.**

**The power of architectural mapping**

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## KEY FEATURES

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 studios**, 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.

# TECHNICAL SPECIFICATIONS

<b>Outputs</b>	2 x 4K model (4x 2K   3x 3K) 4 x 4K model (8x 2K   6x 3K)
<b>Inputs</b>	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
<b>Storage capacity</b>	7 TB (8 x 1 TB SSD in RAID 5) (3.5TB, 7TB, 15TB, 31TB, 63TB storage available)
<b>Bandwidth</b>	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
<b>Network</b>	2 x 10 Gbps 2 x 1 Gbps Ethernet connectors
<b>Chassis</b>	
Unit size	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 50-60Hz
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 visionbased, automatic projector calibration.**



**VYV.CA  
TECHNOLOGY  
IS BEAUTIFUL**