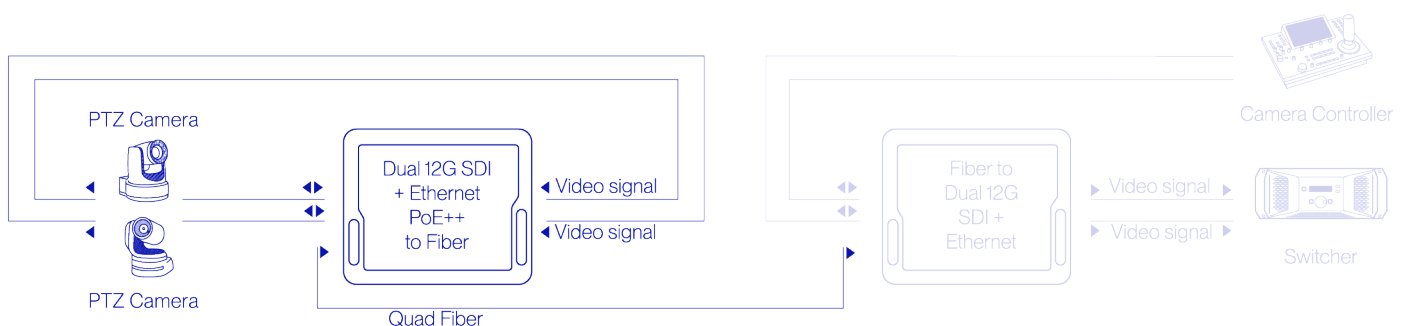


This video converter revolutionises video transmission by converting two 12G-SDI signals into fiber, ensuring high-quality video transmission over extended distances. It also featured two 1Gbps PoE++ ports. This all-in-one solution offers a streamlined and reliable approach to managing video and data management, enhancing your setup's efficiency.

## features

- **SFP-based video transmission** for interoperability with standard SDI over fiber devices.
- Professional locking **etherCON connector** for Ethernet connection.
- **Reclocked and amplified SDI loop thru.**
- **Rugged, Tour-Ready Enclosure:** Built to endure and designed to impress; reliable, rugged, and effortlessly stylish.
- **Integrated Power Supply:** Eliminate the hassle of unreliable external power supplies.
- **Industrial grade, locking powerCON True1 connection** for secure and consistent power.
- **Built-in Convenience AC Outlet:** Power a Theatrixx converter, monitor, or laptop directly from the unit, eliminating the need for power bars and streamlining your setup.
- **Plug-and-Play Operation:** No fiddly dipswitches, buttons, or confusing menus; just reliable performance straight out of the box
- **Clear Status LED Indicators:** Instantly identify signal and power status with clear, easily visible LED indicators for swift troubleshooting.
- **Colour and Alphabetic Coding System:** Easily identify units in the field with Theatrixx's unique colour and alphabetic labelling system.
- **Multiple Mounting Options:** Flexible mounting solutions include C-Clamp, wall-mount adapter and monitor mounts.
- **Magnetic Stacking System & Non-Slip Rubber Base:** Stack and mount units securely with our unique magnetic feature.
- Proudly designed and assembled in **Canada**.

## workflow example



**specifications**

**Overview**



- ①

powerCON TRUE1 Inlet
- ②

2 x 1 Gbps etherCON Ports PoE++
- ③

Fiber Link Status and Power LEDs
- ④

opticalCON QUAD  
\*Available in Single mode or Multimode
- ⑤

Mounting plate (M10x1.5)
- ⑥

powerCON TRUE1 Outlet
- ⑦

SDI Signal Type (A-B)
- ⑧

2 x 12G-SDI IN (A-B)
- ⑨

2 x 12G-SDI Loop (A-B)

**Signal Connectors**

Video Input	2 x 12G-SDI BNC
Loop-thru	2 x 12G-SDI BNC
Ethernet Ports	2 x 1 Gbps Ethernet on etherCON
Power Over Ethernet	2 x IEEE 802.3at/bt PoE++ Type 3 and 4 (up to 90W)
Total Power Budget	180W
Video Output	1 x Optical SDI on opticalCON QUAD, available in Single Mode or Multimode

**Supported Signals**

Video Format Support	12G / 6G / 3G-SDI (Level A & B), HD-SDI and SD-SDI with embedded audio
SMPTE Standards	ST 259M, ST 292M, ST 424M, ST 425M (Level A & B), ST 2082-1, ST 2082-10

**Physical Specifications**

Dimensions	221 mm (8.7 in) (H) x 180 mm (7.081 in) (W) x 62 mm (2.44 in) (D)
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**Power**

Input	powerCON TRUE1
Courtesy Outlet	powerCON TRUE1 output. Same voltage as input. Max 10A.
Power Consumption	300W max.
Power Supply	Built-in power supply
Voltage Range	100-240V, 50-60Hz

**Environmental Specifications**

Relative Humidity	0 % to 90 % non-condensing
Operating Temperature	0 - 40 °C

**Certifications & Compliance**

This device complies with the following international standards.



**In the Box**

- XVVB2SFPOE-12G · Theatrixx Converter Dual 12G SDI + Ethernet PoE++ to Fiber
- AC Mains to powerCON TRUE1 cable - 1.5m ( specify plug type at ordering)
- 25MMX65CM · Strap
- BHM10X20SS · M10-1.50 X 20mm Hex Bolt - Stainless Steel
- SFHM1015-30-SS · Screw - Flat Head - Hex Drive - M10-1.5 - 30mm - 18.8

**related products and accessories**

XVVB2FSETH-12G	— Theatrixx Converter - Fiber to Dual 12G-SDI + Ethernet - No Option - Must Specify Fiber	XVV-VM-B	— Theatrixx Video Converter - Vertical Mount - B-Size
XVV-CC2-B	— Theatrixx Converter - Carrying Case for 2 units - B-Size - 923	MSCB-CS	— The Light Source - Mega-Slim-Coupler - 3/8" Flat - Countersunk - Black