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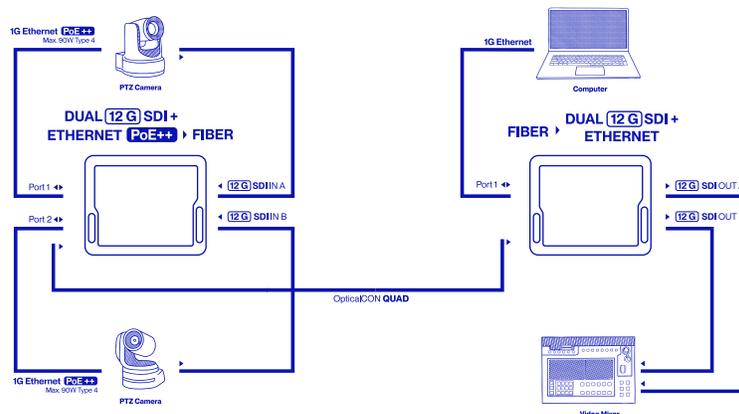# DUAL 12G-SDI + Ethernet PoE++ to Fiber
standalone converter

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

- **Integrated power supply** with locking PowerCON Connector. Never rely on a cluster of wall-warts again.
- Convenient **built-in AC outlet** to power nearby devices such as projectors, TVs or laptops. Say goodbye to power bars with this streamline solution!
- **Magnetic stacking system** and non-skid rubber pad for tabletop application. Saves at least 10 gaffer tape rolls a year.
- **Multiple mounting options**: C-Clamp, wall-mount adapter, LCD mount adapter and belt adaptor.
- **Plug-n-play operation;** No dipswitches, buttons or menus to fumble with : It just works.

- **Rugged, Tour-ready and aesthetic enclosure**: The sexiest widget in your tool box, that will keep looking good for years to come.
- Clear and ample status **LED indicators** for quick troubleshooting.
- Easy on-the-field identification with unique **color and alphabetic coding system.**
- Professional locking EtherCON connector for Ethernet connection.
- Proudly designed and assembled **in Canada.**
- Reclocked and amplified **SDI loop thru.**
- **SFP-based video transmission** for interoperability with standard SDI over fiber devices.

workflow example

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Overview

①	PowerCON True 1 inlet	⑤	Mounting plate
②	2X 1 Gbs Ethernet Port PoE++	⑥	PowerCON True1 Outlet
③	LED indicator on Fiber	⑦	SDI Signal Type
④	OpticalCON QUAD	⑧	2x 12G-SDI IN (a-b)
		⑨	2x 12G-SDI Loop (a-b)

Connectors

Video Input	2 x 12G/6G/3G/HD/SD SDI BNC
Loop-thru	2 x 12G/6G/3G/HD/SD SDI BNC
Ethernet Ports	2x 1Gbs Ethernet on Shielded Neutrik EtherCON
Power Over Ethernet	2x PoE++ (90W 802.3bt Type 4)
Total Power Budget	180W
Video Output	OpticalCON QUAD connector Choice of Multimode or Singlemode on

Supported Signals

Video Format Support	12G/6G/3G-SDI Level A and B, HD-SDI, SD-SDI with embedded audio

Physical Specifications

Height	62 mm (2.44 in)
Depth	180 mm (7.08 in)
Width	221 mm (8.7 in)
Weight	2 kg (4.4 lbs)

Power Requirements

Power Supply	Built-in power supply PowerCON True1 input PowerCON True1 output (loop-thru)
Power Consumption	300W max.
Voltage Range	100-240V, 50-60Hz
Courtesy Outlet	Max 10A, same voltage as input

Environmental Specifications

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

Certifications & Compliance

This device complies with the following international standards

FC CE c(PS)us

In the Box

Dual 12G SDI + Ethernet PoE++ to Fiber
AC Mains to PowerCON True1 cable (1.5m, specify plug type at ordering)

Related products and accessoires

Talk to your sales representative for a complete list of related products and accessories.