

# Video Converter

## Optical Fiber to 12G-SDI Receiver

TXVV-FIBER2SDI-12G

Professional equipment in mission-critical applications is all about reliability and confidence. So we started with a clean sheet, and built what might soon become your most trustworthy piece of equipment.

Introducing the world's first video converters *truly* designed for the road. Video converters nowadays are used everywhere on professional A/V events, presentations, live shows and tours and often have a critical role. Yet, they are often the weakest link in the signal chain. Low quality connectors, weak enclosure, external consumer-grade power supply, and overall barebones design that all contribute to a generally unreliable piece of equipment. We wanted to change that, so we designed the xVision Video Converters.

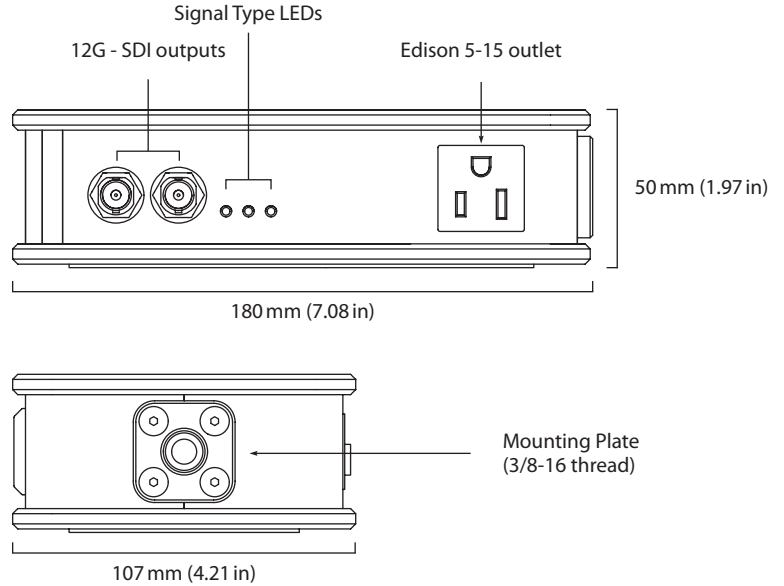
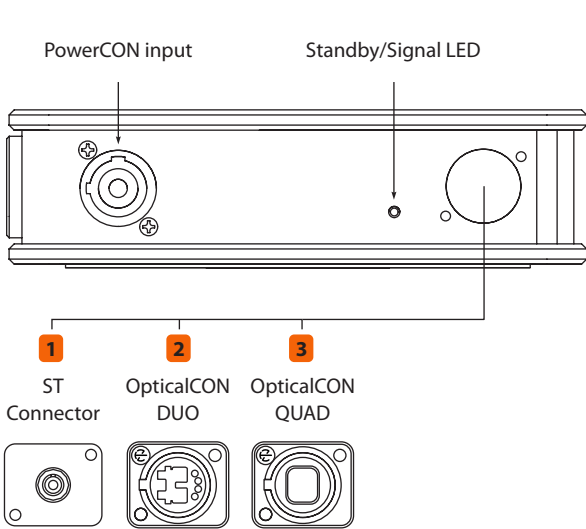


DESIGNED & MANUFACTURED  
IN CANADA 🇨🇦



## Features

- ✓ **Integrated power supply** with locking PowerCON Connector. Never rely on a cluster of wall-warts again.
- ✓ **Built-in convenience AC outlet** to power nearby projector, TV, laptop, small video projector... Power bar to power both the converter and device not required anymore.
- ✓ **Magnetic stacking system** and non-skid rubber pad for table top application. Saves at least 10 gaffer tape rolls a year.
- ✓ **Multiple mounting options:** C-Clamp, wall-mount adapter, LCD mount adapter and belt adaptor.
- ✓ **Rugged, Tour-ready and aesthetic enclosure:** The sexiest widget in your tool box, that will keep looking good for years to come.
- ✓ **Plug-n-play operation**; No dials, switches, buttons or menus to fumble with: It just works.
- ✓ Clear and ample status **LED indicators** for quick troubleshooting.
- ✓ **Easy on-the-field identification** with unique color and alphabetic coding system.
- ✓ **Relocked and amplified SDI loop thru**
- ✓ Proudly designed and assembled **in Canada**.
- ✓ SFP-based video transmission for interoperability with standard SDI over fiber devices.
- ✓ Choice of three optical connectors, each available as single-mode and multimode types.



## Connections

**Video Input** Optical SDI on ST/OpticalCON DUO/OpticalCON QUAD, **Multimode** or **Singlemode**

**Video Output** 12G/6G/3G/HD/SD SDI BNC

## Supported Signals

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

## Physical Specifications

**Height** 50 mm (1.97 in)  
**Depth** 180 mm (7.08 in)  
**Width** 107 mm (4.21 in)  
**Weight** 1 kg (2.2 lbs)

## Environmental Specifications

**Relative Humidity** 0% to 90% non-condensing

## Power Requirements

**Power Supply** Built-in power supply  
PowerCON input  
Edison Nema 5-15 output

**Power Consumption** 25W

**Operational Voltage Range** 90-125V  
90-250V also available (with PowerCON True1)

**Courtesy Outlet** Max 10A, same voltage as input

## In the box

- xVision converter Fiber to SDI
- AC Mains PowerCon cable (1.5 m, specify plug type at ordering)

## Certification

**This device complies with the following international standards**

CAN/CSA-C22.2 NO. 60950-1-07  
 UL 60950-1  
 FCC Part 15 Class A  
 EN 60950-1, EN 55022

## Ordering information

**TXVV-SDI2FIBER-12G-** [1] [2] .....xVision SDI to FIBER Transmitter  
**TXVV-FIBER2SDI-12G-** [1] [2] .....xVision FIBER to SDI Receiver

Singlemode: **S**  
 Multimode: **M**

**1**: ST Connector  
**2**: OpticalCON DUO  
**3**: OpticalCON QUAD

**XVV-CC1** .....xVision Video Converter Carrying Case for 1 unit  
**XVV-CC2** .....xVision Video Converter Carrying Case for 2 units  
**XVV-CC3** .....xVision Video Converter Carrying Case for 3 units