xVision Converter
Fiber to 12G-SDI

XVVFIBER2SDI-12G

theatrixx

⬤⬤ Fiber ——— (B) destination point

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 profesionnal

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.

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 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.
› **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 dipswitches, 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.
› **SFP-based** video transmission for interoperability with standard SDI over fiber devices.
› **Choice of three** optical connectors, each available as singlemode and multimode types.
› **Reclocked and amplified** SDI loop thru.
› Proudly designed and assembled **in Canada**.

Ordering Information

XVVFIBER2SDI-12G-[ ][ ] .... xVision Converter FIBER to 12G-SDI

XVVFIBER2SDIT1-12G-[ ][ ] .... xVision Converter FIBER to 12G-SDI True1

Single Mode: **S** —— **1** :ST Connector

Multimode: **M** —— **2** :OpticalCON DUO

—— **3** :OpticalCON QUAD

XVV-CC1 .... xVision Converter Carrying case for 1unit

XVV-CC2 .... xVision Converter Carrying case for 2 units

XVV-CC3 .... xVision Converter Carrying case for 3 units

XVV-VM-A .... xVision Converter Vertical Mount

MSCB-CS .... Mega Slim coupler - black with countersunk

Specifications

Overview

OpticalCON DUO
(or OpticalCON QUAD
or ST Connector)

PowerCON inlet   Standby/Signal LED   12G-SDI outputs   Signal Type LEDs   Edison 5-15 outlet

Mouting Plate
(M3/8-16 thread)
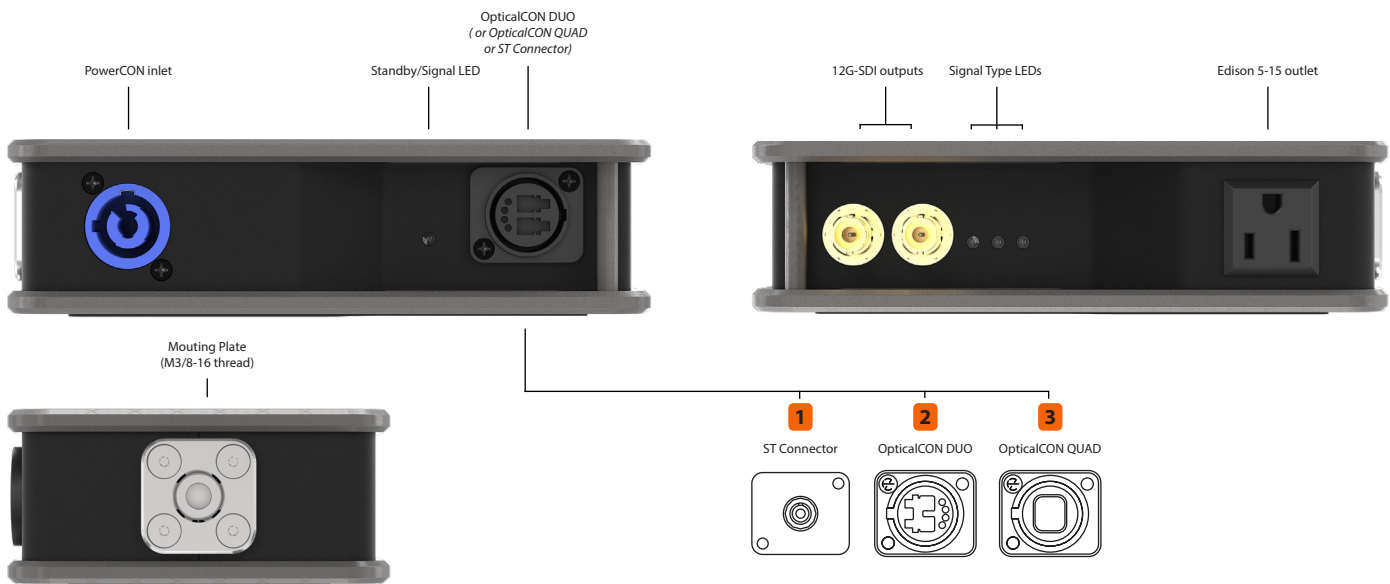
1 ST Connector   **2** OpticalCON DUO   **3** OpticalCON QUAD

Connections

Video Input

Choice of Multimode or Singlemode
Choice of Optical SDI on ST, OpticalCON DUO
or OpticalCON QUAD
(see ordering information)

Video Output

2 x 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

SMPTE Standards

2082-1, 2082-10, 425 M Level A & B, 424 M,
292 M, 259 M

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)
Alternate Form Factor	Also available as a Reversible Module

Environnemental Specifications

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

Power Requirements

Power Supply

Built-in power supply
PowerCON input
Edison Nema 5-15 output (loop-thru)

Power Consumption

15W

Voltage Range

100-120V, 50-60Hz
(100-240V, 50-60Hz available with PowerCON
True1)

Courtesy Outlet

Max 10A, same voltage as input

In the Box

xVision Converter Fiber to 12G-SDI
AC Mains to PowerCON cable (1.5m, specify plug type at ordering)

Certifications & Compliance

This device complies with the following international standards

FC   c(PS)us   4K ULTRAHD