OpenGear Converter
Optical Fiber

Convert SDI to Optical Fiber, and Optical Fiber to SDI simultaneously. Blackmagic OpenGear Optical Fiber auto switches between any SD or HD video standards and each direction is completely independent.

$495

Connections

SDI Video Input
Switchable between SD, HD and 3G-SDI.

SDI Video Output
Automatically matches the SD, HD and 3G-SDI Input.

Optical Fiber Video Input
1 x 10-bit SD/HD/3G-SDI switchable.

Optical Fiber Video Output
1 x 10-bit SD/HD/3G-SDI switchable.

Optical Fiber Audio Input
16 channel embedded.

Optical Fiber Audio Output
16 channel embedded.

Multi Rate Support
Auto detection of SD, HD and Level B 3G-SDI inputs.

Updates and Configuration
Via USB 2.0 high speed. (480 Mb/s)

Reclocking
Yes

Standards

HD Format Support
720p50, 720p59.94, 720p60
1080p23.98, 1080p24, 1080p25,
1080p29.97, 1080p30, 1080p50,
1080p59.94, 1080p60
1080PsF23.98, 1080PsF24,
1080PsF25, 1080PsF29.97, 1080PsF30
1080i50, 1080i59.94, 1080i60

2K Format Support
2K DCI 23.98p, 2K DCI 24p, 2K DCI
25p
2K DCI 23.98PsF, 2K DCI 24PsF, 2K
25PsF

SDI Compliance
SMPTE 292M, SMPTE 259M, SMPTE
296M, ITU-R BT.656, ITU-R BT.601 and
SMPTE 297M for Optical Fiber SDI.

2K Format Support

SDI Video Rates
SDI video connections are switchable between standard definition and high definition.

SDI Video Sampling
4:2:2

SDI Audio Sampling
Television standard sample rate of 48 kHz and 24-bit.
SDI Color Precision
4:2:2

SDI Color Space
YUV

SDI Auto Switching
Automatically selects between SD, HD and 3 Gb/s SDI.

ASI Support
Yes

Software

Software Control
Dashboard

Operating Systems

Mac 10.12 Sierra, Mac 10.13 High Sierra or later.

Windows 8.1 or Windows 10.

Settings Control

OpenGear DashBoard network control software.

Physical Specifications

Environmental Specifications

Operating Temperature
0° to 40°C (32° to 104°F)

Storage Temperature
-20° to 45°C (-4° to 113°F)

Relative Humidity
0% to 90% non-condensing
What's Included

OpenGear Converter Optical Fiber
SD card with software and manual

Warranty

3 Year Limited Manufacturer's Warranty.

Blackmagic Design Authorized Reseller