Blackmagicdesign

OpenGear Converter Optical Fiber

Convert SDI to Optical Fiber, and Optical Fiber to SDI simultaneously. Blackmagic OpenGear Optical Fiber auto switches between any SD, HD, 3G HD-SDI video standards and each direction is completely independent.

$495

Connections

SDI Video Input
Switchable between SD, HD and 3 Gb/s SDI.

SDI Video Output
Automatically matches the SD, HD and 3 Gb/s SDI Input.

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

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

Optical Fiber Audio Input
16 channel embedded.

Optical Fiber Audio Output
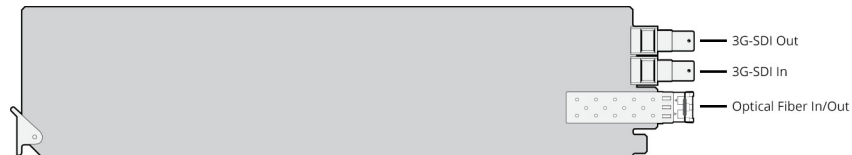16 channel embedded.

Multi Rate Support
Auto detection of SD, HD and Level B 3 Gb/s SDI inputs.

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

Reclocking
Yes

- 3G-SDI Out
- 3G-SDI In
- Optical Fiber In/Out

Standards

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

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

SDI Format Support
625/25 PAL, 525/29.97 NTSC, 1080PsF23.98, 1080PsF24, 1080PsF25, 1080i50, 1080i59.94, 1080i60, 720p50, 720p59.94 and 720p60.

Software

Software Control
Dashboard

Operating Systems

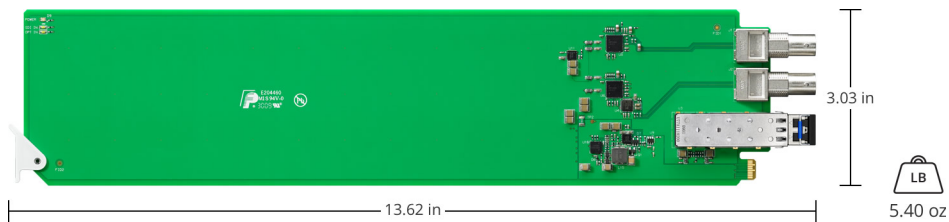 Mac OS X 10.10 Yosemite, Mac OS X 10.11 El Capitan or later.

 Windows 8.1 or Windows 10.

Settings Control

OpenGear DashBoard network control software.

Physical Specifications

3.03 in

13.62 in

5.40 oz

Environmental Specifications

Operating Temperature	**Storage Temperature**	**Relative Humidity**
0° to 40° C (32° to 104° F)	-20° to 45° C (-4° to 113° F)	0% to 90% non-condensing

What's Included

OpenGear Converter Optical Fiber

Warranty

3 Year Limited Manufacturer's Warranty.

Blackmagic Design Authorized Reseller