

Teranex Mini Analog to Optical 12G



Convert from analog video to 12G optical fiber and 12G-SDI. Convert incoming analog video signals to SD, HD, 6G and 12G-SDI. Ideal for converting your analog devices such as Betacam SP, VHS, set top boxes, gaming consoles and HDV cameras to incredible quality SD/HD/Ultra HD SDI video up to 2160p60.

\$695

Connections

Analog Video Input

Component SD/HD, NTSC, PAL and S-Video.

Optical Fiber Connection

LC connector, 1310 nanometer wavelength, single mode.

Fiber Video Output

Automatically matches the SD and HD video input.

SDI Video Output

Automatically matches the SD and HD video input.

Analog Audio Input

2 channels professional balanced analog audio via XLR connectors. Right XLR can be configured for timecode input.

AES/EBU Audio Input

4 channels professional 110Ω balanced digital audio via XLR connectors. Right XLR can be configured for timecode input.

Multi Rate Support

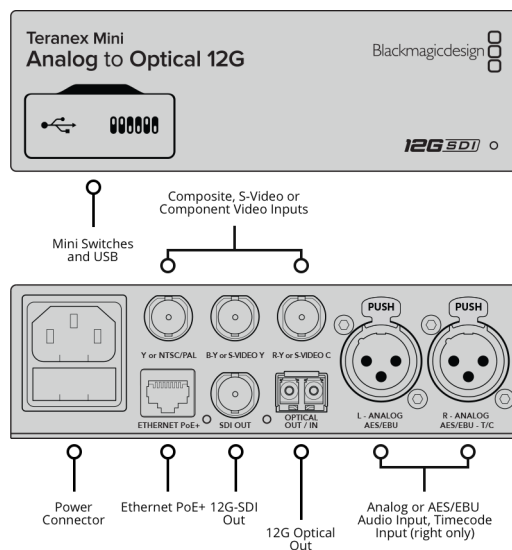
Automatic switching between SD/HD/2K and 4K.

Updates and Configuration

USB or Ethernet.

Re-Clocking

Yes



Standards

SDI Compliance

SMPTE 292M, SMPTE 259M, SMPTE 296M, SMPTE 372M, SMPTE 424M, SMPTE 425M, SMPTE 297M for Optical Fiber SDI, SMPTE 2081-1, SMPTE 2081-10, SMPTE 2082-1, SMPTE 2082-10

SDI Video Rates

Automatically follows format of analog input.

SDI Video Sampling

4:2:2 and 4:4:4.

SDI Audio Sampling

Television standard sample rate of 48 kHz and 24-bit.

SDI Color Precision

YUV 4:2:2 and RGB 4:4:4 in HD, 2K and 4K.

SDI Color Space

REC 601, REC 709

SDI Switching

SDI output switchable between HD for composite, S-Video and Ultra HD for component HD.

SDI Format Support

User selectable SD, HD, 12G-SDI. Follows data rate of input.

Analog Format Support

525i/29.97 NTSC, 625i/25 PAL
720p/50, 59.94, 60
1080p/23.98, 24, 25, 29.97, 30, 50, 59.94, 60
1080i/50, 59.94, 60

Analog Color Space

REC 601, REC 709

Analog Color Precision

4:2:2

Software

Software Control

Mac OS X™ and Windows™ software upgrade via USB or Ethernet.

Internal Software Upgrade

Via included updater application.

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

Basic Settings Control

Mini Switches, USB and Ethernet via free software utility.

Optional Front Panel Control

Front mounted Smart Panel with LCD, rotary knob and six settings buttons.

Power Requirements

Power Supply

1 x built-in international AC power supply with IEC C14 inlet. IEC Power cable required. 90 - 240V AC Input.

Power Over Ethernet

Can be powered via 48V DC using PoE+ (power over ethernet).

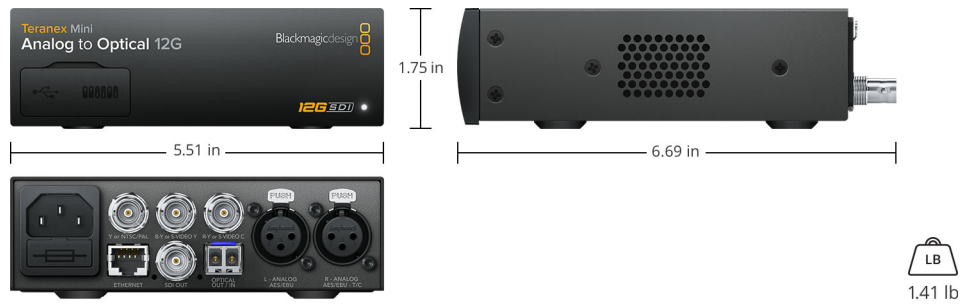
Power Consumption

16 Watts

Operational Voltage Range

90 - 240V AC

Physical Specifications



Environmental Specifications

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

Storage Temperature:
-20° to 60°C (-4° to 140°F)

Relative Humidity:
0% to 90% non-condensing

What's Included

Teranex Mini - Analog to Optical 12G
SD card with software and manual

Warranty

3 year Limited Manufacturer's Warranty.

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