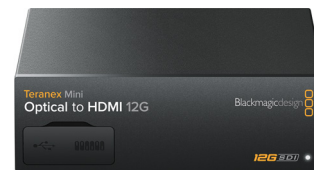


Teranex Mini Optical to HDMI 12G



£415

Now you can convert from SDI and SMPTE optical fiber to HDMI! Simply insert the SMPTE optical fiber module of your choice to get video and embedded audio over massive distances using 3G, 6G, or 12G-SDI optical fiber! You get professional 12G-SDI and XLR connections, a down converter for viewing Ultra HD sources on HD displays plus ethernet for remote admin control. The optical fiber SFP module is sold separately so you can purchase the SMPTE compatible 3G-SDI, 6G-SDI or 12G-SDI SFP module to suit your workflow. You can even add an optional Smart Panel to add LCD monitoring and push button controls to your Teranex Mini!

Connections

SDI Video Inputs

1 x 12G-SDI SD/HD/2K/4K auto switching.

Optical Fiber Connection (optional)

Optional 3G, 6G or 12G-SDI single mode 1310 nm SFP module with LC connector.

Optical Fiber Video Inputs

1 x 12G-SDI SD/HD/2K/4K auto switching.

Optical Fiber Video Loop Through

1 x 12G-SDI loop output.

HDMI Video Outputs

1 x HDMI 2.0 type A connector with support for 2160p60.

Analog Audio Outputs

2 channels professional balanced analog audio via XLR connectors. Right XLR can be configured for Timecode output.

Digital Audio Outputs

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

Embedded Audio Support

8 channels.

Multi Rate Support

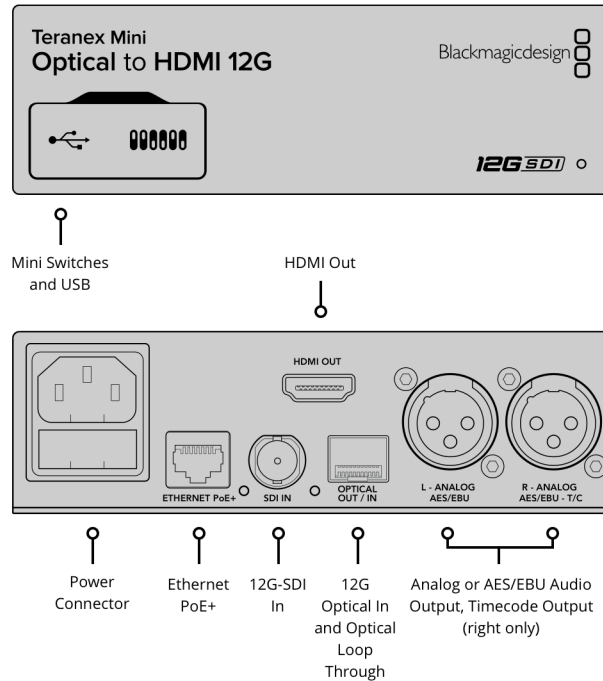
Auto detection of SD, HD or 12G-SDI.

Updates and Configuration

USB and Ethernet.

Reclocking

Yes



Optical Input Standards

SD Video Standards

525i59.94 NTSC, 625i50 PAL

HD Video Standards

720p50, 720p59.94, 720p60
1080p23.98, 1080p24, 1080p25,
1080p29.97, 1080p30, 1080p50,
1080p59.94, 1080p60
1080PsF23.98, 1080PsF24
1080i50, 1080i59.94, 1080i60

2K Video Standards

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

Ultra HD Video Standards

2160p23.98, 2160p24, 2160p25,
2160p29.97, 2160p30, 2160p50,
2160p59.94, 2160p60

4K Video Standards

4K DCI 23.98p, 4K DCI 24p, 4K DCI 25p,

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

SDI video connections are switchable between standard definition, high definition level A and level B 3G-SDI, 6G-SDI and 12G-SDI.

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

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

SDI Color Space

YUV and RGB.

HDMI Output Standards

SD Video Standards

525i59.94 NTSC, 625i50 PAL

HD Video Standards

720p50, 720p59.94, 720p60
1080p23.98, 1080p24, 1080p25,
1080p29.97, 1080p30, 1080p50,
1080p59.94, 1080p60
1080i50, 1080i59.94, 1080i60

Ultra HD Video Standards

2160p23.98, 2160p24, 2160p25,
2160p29.97, 2160p30, 2160p50,
2160p59.94, 2160p60

4K Video Standards

DCI 23.98p, 4K DCI 24p, 4K DCI 25p,
4K DCI 29.97p, 4K DCI 30p, 4K DCI
50p, 4K DCI 60p

HDMI Color Space

REC 601, REC 709

HDMI Color Precision

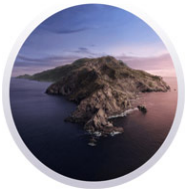
YUV 4:2:2 and RGB 4:4:4 in HD, 2K
and 4K.

Software**Software Control**

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

Internal Software Upgrade

Via included updater application.

Operating Systems

Mac 10.14 Mojave,
Mac 10.15 Catalina or later.



Windows 8.1 and 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 Optical to HDMI 12G
SD card with software and manual

Warranty

3 year Limited Manufacturer's Warranty.

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