

Teranex Mini Audio to SDI 12G



Embed up to 2 channels of audio from balanced analog, optical or HiFi RCA, or embed up to or 4 channels of AES/EBU digital audio into any SD, HD, Ultra HD or DCI 4K SDI video connection. Take audio from devices such as audio mixers, iPods and analog decks and embed it into SDI video connections for use with SDI routers and decks.

\$495

Connections

SDI Video Input

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

SDI Video Output

1 x 12G-SDI output.

Analog Audio Input

2 channels professional balanced analog audio via XLR connectors, or 2 channel unbalanced analog line level via RCA 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.

Optical Audio Input

S/PDIF Signal with TOSLINK Connector.

Multi Rate Support

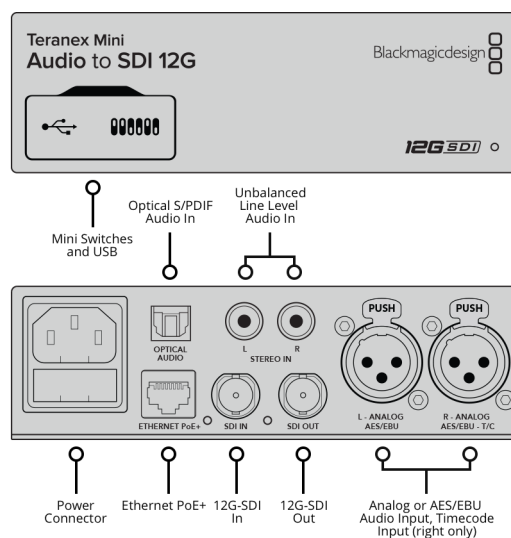
Automatic switching between SD/HD/2K and 4K.

Updates and Configuration

USB or Ethernet.

Re-Clocking

Yes



Standards

SD Format Support

525i23.98, 29.97 NTSC, 625i25 PAL

HD Format Support

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

2K Format Support

1080p23.98, 1080p24, 1080p25
1080PsF23.98, 1080PsF24, 1080PsF25

Ultra HD Format Support

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

4K Format Support

2160p23.98, 2160p24, 2160p25,
2160p29.97, 2160p30

SDI Compliance

SMPTE 292M, SMPTE 259M, SMPTE
296M, SMPTE 372M, SMPTE 424M-A,
SMPTE 424M-B, SMPTE 425M, SMPTE
2081-1, SMPTE 2081-10, SMPTE
2082-1, SMPTE 2082-10, ITU-R BT.656
and ITU-R BT.601

SDI Video Rates

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

SDI Video Sampling

4:2:2, 4:4:4

SDI Audio Sampling

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

SDI Color Space

REC 601, REC 709

SDI Auto Switching

Automatically selects between SD, HD,
3G, 6G and 12G-SDI.

SDI Color Precision

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

SDI Color Space

REC 601, REC 709

Software

Software Control

Mac OS X™ and Windows™ software
upgrade via USB and 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).

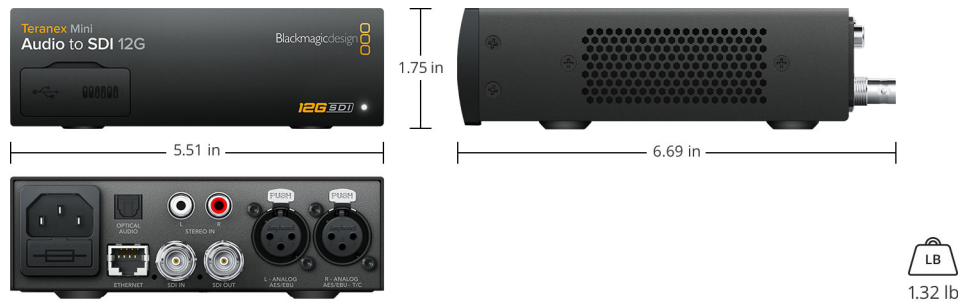
Power Consumption

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 - Audio to SDI 12G
SD card with software and manual

Warranty

3 year Limited Manufacturer's Warranty.

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