Blackmagicdesign

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
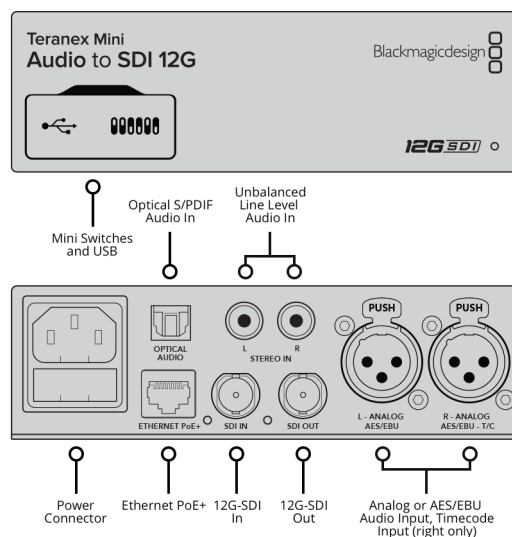S/PDIF Signal with TOSLINK Connector.

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, 59.94, 60
1080p23.98, 24, 25, 29.97, 30, 50, 59.94, 60
1080PsF23.98,24, 25, 30
1080i50, 59.94, 60

2K Format Support
1080p23.98, 24, 25
1080PsF23.98, 24, 25

Ultra HD Format Support
2160p23.98, 24, 25, 29.97, 30, 50, 59.94, 60

4K Format Support
2160p23.98, 24, 25, 29.97, 30

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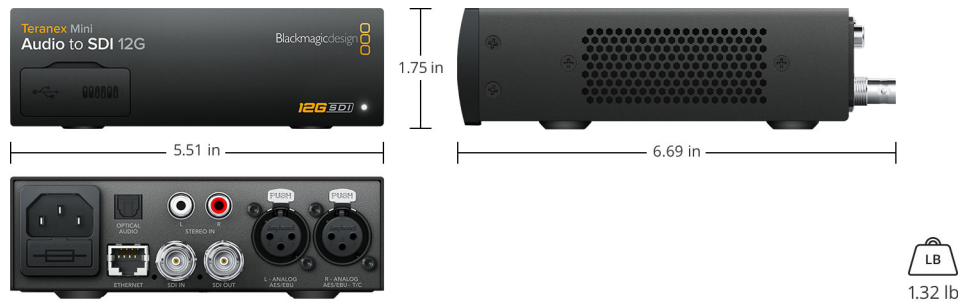Can be powered via 48V DC using PoE+ (power over ethernet).

Power Consumption
16 Watts

Operational Voltage Range
90 - 240V AC

Physical Specifications

1.75 in

5.51 in

6.69 in

LB
1.32 lb

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.

Blackmagic Design Authorized Reseller