

# 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

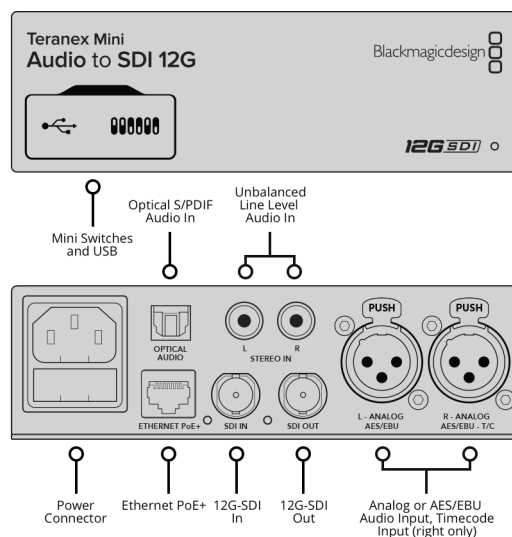
Automatic switching between SD/HD/2K and 4K.

### Updates and Configuration

USB or Ethernet.

### Re-Clocking

Yes



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## Standards

### SD Format Support

525i23.98, 29.97 NTSC, 625i25 PAL

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### 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

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### 2K Format Support

1080p23.98, 24, 25  
1080PsF23.98, 24, 25

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### 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

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### 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

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### 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

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### SDI Audio Sampling

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

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### SDI Color Space

REC 601, REC 709

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### SDI Auto Switching

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

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### SDI Color Precision

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

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### SDI Color Space

REC 601, REC 709

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## Software

### Software Control

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

### Internal Software Upgrade

Via included updater application.

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## Operating Systems



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



Windows 8.1 or Windows 10.

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## 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

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## 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

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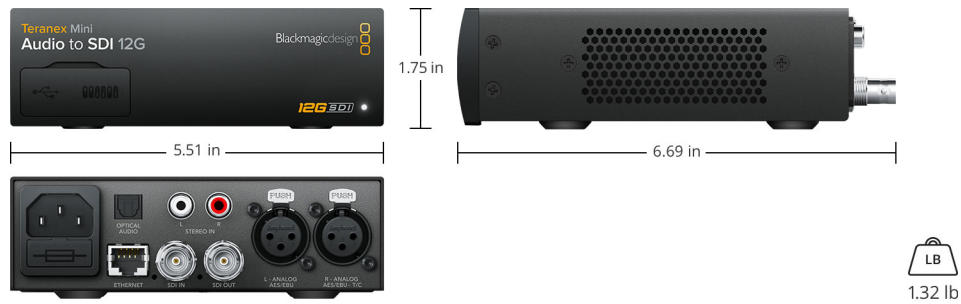
### Operational Voltage Range

90 - 240V AC

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## Physical Specifications



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## 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

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## What's Included

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

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## Warranty

3 year Limited Manufacturer's Warranty.

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