

# Teranex Mini SDI to Audio 12G



De-embed audio from any SD, HD or Ultra HD SDI video connection and output 2 channels of analog audio to balanced XLR, optical or HiFi RCA, or output up to 4 channels of AES/EBU digital audio. Perfect for converting and outputting SDI audio to a massive range of audio equipment such as audio mixers, iPods, analog broadcast decks, audio monitors and more.

**\$495**

## Connections

### SDI Video Input

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

### SDI Video Output

1 x 12G-SDI loop output.

### AES/EBU Audio Output

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

### Analog Audio Output

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 output.

### Optical Audio Output

S/PDIF Signal with TOSLINK Connector.

### Multi Rate Support

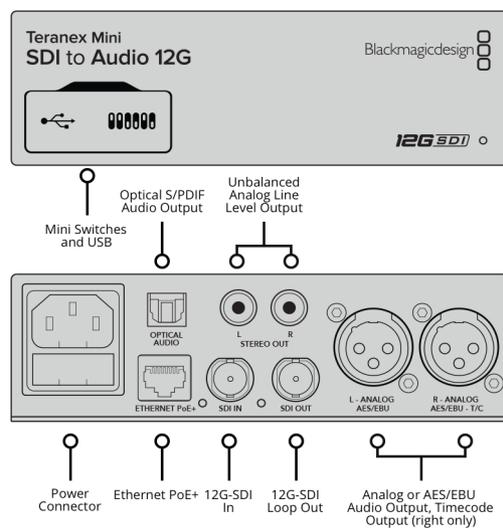
Automatic switching between SD/HD/2K and 4K.

### 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

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### 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.

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### SDI Auto Switching

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

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### 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 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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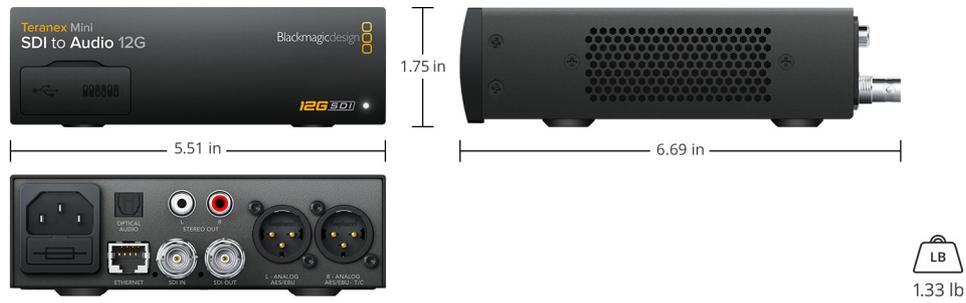
### Operational Voltage Range

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

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## Warranty

3 year Limited Manufacturer's Warranty.

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