

# 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.

### Embedded Audio Support

16 channels.

### 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

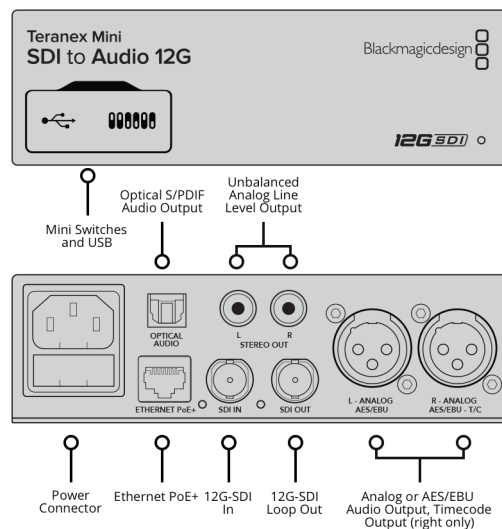
Automatic switching between SD/HD/2K and 4K.

### Updates and Configuration

USB or Ethernet.

### Re-Clocking

Yes



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## Standards

### SD Format Support

525i23.98 NTSC, 525i29.97 NTSC, 625i25 PAL

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### HD Format Support

720p50, 720p59.94, 720p60  
1080p23.98, 1080p24, 1080p25,  
1080p29.97, 1080p30, 1080p50,  
1080p59.94, 1080p60  
1080PsF23.98, 1080PsF24, 1080PsF25,  
1080PsF29.97, 1080PsF30  
1080i50, 1080i59.94, 1080i60

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### 2K Format Support

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

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### Ultra HD Format Support

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

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### 4K Format Support

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

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### SDI Compliance

SMPTE 292M, SMPTE 259M, SMPTE  
296M, SMPTE 372M, SMPTE 424M,  
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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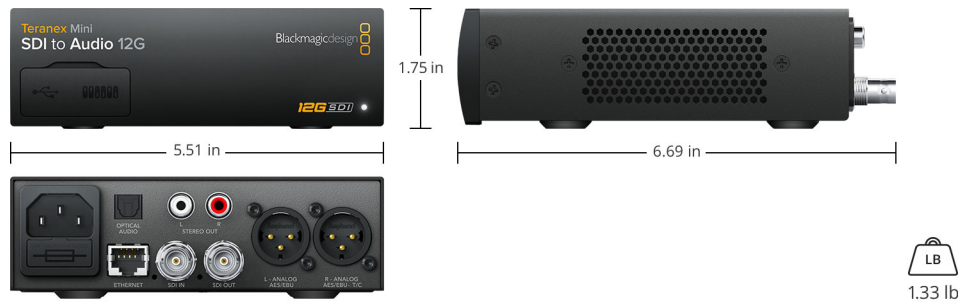
### Operational Voltage Range

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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