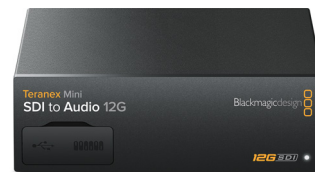


## Teranex Mini SDI to Audio 12G



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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.

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### Connections

#### SDI Video Inputs

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

#### SDI Video Outputs

1 x 12G-SDI loop output.

#### Analog Audio Outputs

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.

#### Digital Audio Outputs

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

#### Embedded Audio Support

16 channels.

#### Optical Audio Output

S/PDIF Signal with TOSLINK Connector.

#### Multi Rate Support

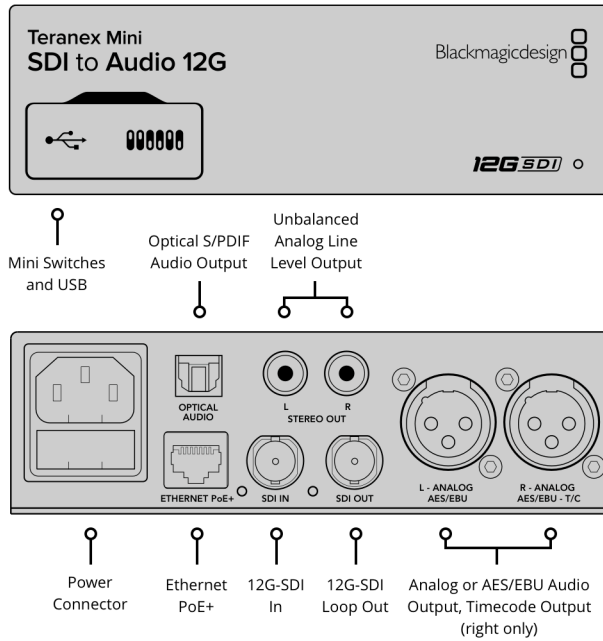
Automatic switching between SD/HD/2K and 4K.

#### Updates and Configuration

USB or Ethernet.

#### Reclocking

Yes



## Standards

### SD Video Standards

525i59.94 NTSC, 625i50 PAL

### HD Video Standards

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

### 2K Video Standards

2Kp23.98 DCI, 2Kp24 DCI, 2Kp25 DCI  
 2KPsF23.98 DCI, 2KPsF24 DCI,  
 2KPsF25 DCI

### Ultra HD Video Standards

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

### 4K Video Standards

4Kp23.98 DCI, 4Kp24 DCI, 4Kp25 DCI

### SDI Compliance

SMPTE 259M, SMPTE 292M,  
 SMPTE 296M, SMPTE 372M,  
 SMPTE 424M, SMPTE 425M  
 level A and B, SMPTE 2081-1,  
 SMPTE 2081-10, SMPTE 2082-1 and  
 SMPTE 2082-10

### 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 and 4:4:4.

### SDI Audio Sampling

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

### 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™ and Windows™ software upgrade via USB and Ethernet.

### Internal Software Upgrade

Via included updater application.

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## Operating Systems



Mac 10.15 Catalina,  
Mac 11.1 Big Sur or later.



Windows 10, 64-bit.

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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. 100 - 240V AC Input.

### Power Over Ethernet

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

### Power Consumption

16 Watts

### Operational Voltage Range

100 - 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



Teranex Mini Rack Shelf  
Rack mount up to 3 Teranex Mini's side by side with this lightweight, 1 RU shelf that's perfect for road cases or equipment racks.

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## Warranty

3 year Limited Manufacturer's Warranty.

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