

# Teranex Mini Analog to SDI 12G



Convert from analog video to 12G-SDI. Convert SD, HD, 6G and 12G-SDI. Ideal for converting your analog devices such as Betacam SP, VHS, set top boxes, gaming consoles and HDV cameras to incredible quality SD/HD/Ultra HD SDI video up to 2160p60.

## Connections

### SDI Video Outputs

2 x 12G-SDI outputs.

### Analog Video Inputs

Composite, Y/C or Component.

### Analog Audio Inputs

2 channels professional balanced analog audio via XLR connectors. Right XLR can be configured for timecode input.

### Digital Audio Inputs

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

### Multi Rate Support

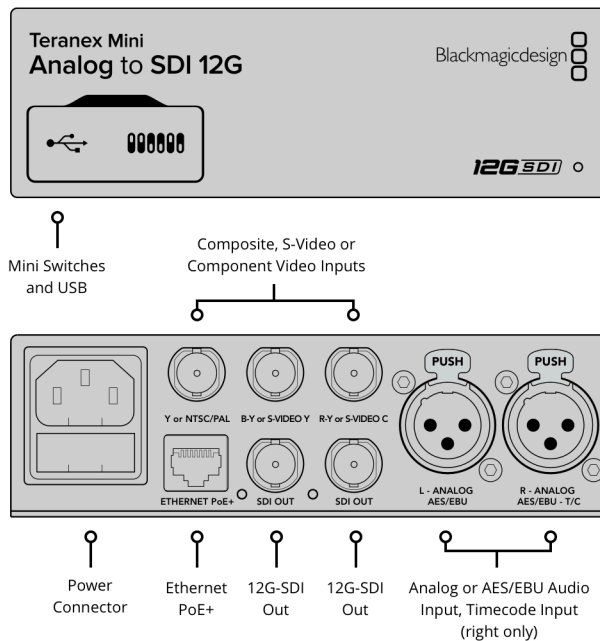
SDI output switchable between HD for composite and S-Video and Ultra HD for component HD.

### Updates and Configuration

USB or Ethernet.

### Reclocking

Yes



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## Standards

### SDI Video Standards

525i59.94 NTSC, 625i50 PAL  
720p50, 720p59.94, 720p60  
2160p25, 2160p29.97, 2160p50,  
2160p59.94  
1080i50, 1080i59.94, 1080i60

### 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 switchable  
between standard definition and high  
definition.

### 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

### Analog Video Standards

525i59.94 NTSC, 625i50 PAL

### Analog Color Space

REC 601, REC 709

### Analog Color Precision

4:2:2

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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



macOS 10.12 Sierra,  
macOS High Sierra 10.13 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

### 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 Analog to SDI 12G  
SD card with software and manual

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## Warranty

3 year Limited Manufacturer's Warranty.

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