

Teranex Mini SDI to Analog 12G



Convert from 12G-SDI to Analog. Use SD, HD, 6G and 12G-SDI rates and convert to analog video output. Built in down converter lets you connect Ultra HD sources to component video equipment in SD or HD. Allows you to connect analog equipment including Betacam SP, VHS, and video monitors.

\$495

Connections

SDI Video Input

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

SDI Video Output

1 x 12G-SDI loop output.

Analog Audio Output

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

AES/EBU Audio Output

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

Multi Rate Support

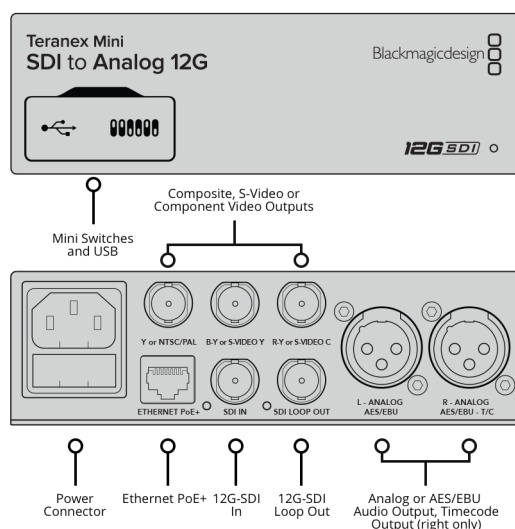
Automatic switching between SD/HD/2K and 4K.

Updates and Configuration

USB or Ethernet.

Re-Clocking

Yes



Standards

SD Format Support

525i29.97 NTSC, 625i25 PAL

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

2K Format Support

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

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

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

SDI Video Rates

SDI video connections are auto switching between standard definition SDI, high definition 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

4:2:2 and 4:4:4

SDI Color Space

YUV

SDI Auto Switching

Automatically detects SD, HD or 12G-SDI.

Analog Format Support

525i29.97 NTSC, 625i25 PAL
720p50, 59.94, 60
1080p23.98, 24, 25, 29.97, 30, 50, 59.94, 60
1080i50, 59.94, 60

Analog Color Space

REC 601, REC 709

Analog Color Precision

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

Format Conversion

HD down conversion

Software

Software Control

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

Internal Software Upgrade

Via included updater application.

Operating Systems



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



Windows 8.1 or Windows 10.

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

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).

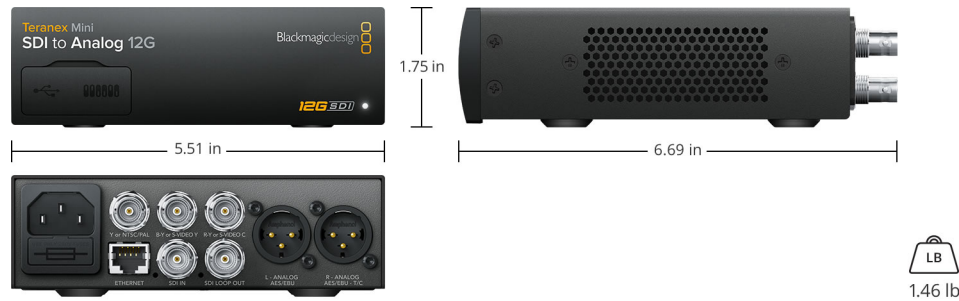
Power Consumption

16 Watts

Operational Voltage Range

90 - 240V AC

Physical Specifications



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

What's Included

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

Warranty

3 year Limited Manufacturer's Warranty.

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