

Teranex Mini Analog to SDI 12G



Convert from analog video to 12G-SDI. Convert incoming analog video signals to 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.

\$605

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

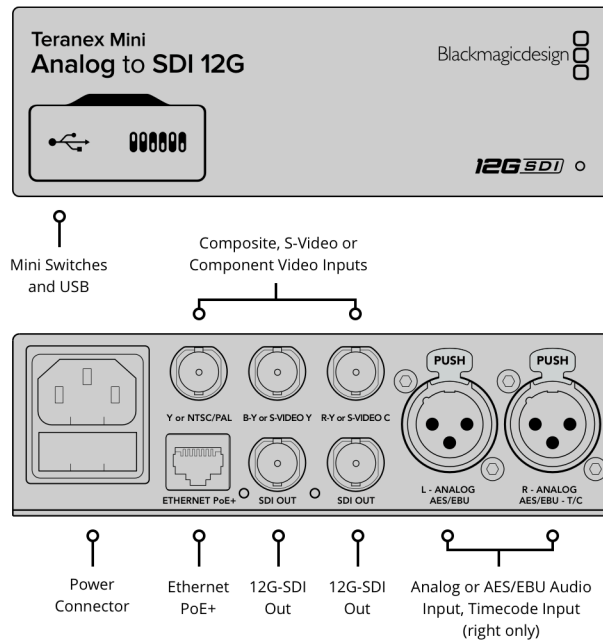
SDI output switchable between HD for composite and S-Video and Ultra HD for component HD.

Updates and Configuration

USB or Ethernet.

Reclocking

Yes



Standards

SD Video Standards

525i59.94 NTSC, 625i50 PAL

HD Video Standards

720p50, 720p59.94, 720p60
1080i50, 1080i59.94, 1080i60
1080p25, 1080p29.97, 1080p50,
1080p59.94

Ultra HD Video Standards

2160p25, 2160p29.97, 2160p50,
2160p59.94

SDI Compliance

SMPTE 259M, SMPTE 292M,
SMPTE 296M, SMPTE 424M,
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

Software

Software Control

Mac™ and Windows™ software
upgrade via USB and Ethernet

Internal Software Upgrade

Via included updater application.

Operating Systems



Mac 10.15 Catalina,
Mac 11.1 Big Sur or later.



Windows 10, 64-bit.

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. 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

Physical Specifications



Environmental Specifications

Operating Temperature	Storage Temperature	Relative Humidity
0° to 40°C (32° to 104°F)	-20° to 60°C (-4° to 140°F)	0% to 90% non-condensing

What's Included

- Teranex Mini Analog to SDI 12G
- Welcome wallet with QR code for software download

Warranty

3 Year Limited Manufacturer's Warranty.

Blackmagic Design Authorized Reseller