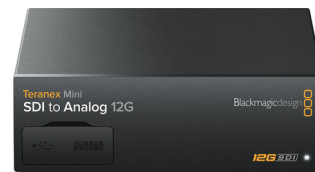**Blackmagicdesign**

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.

Connections

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

SDI Video Outputs
1 x 12G-SDI loop output.

Analog Video Outputs
Composite, Y/C or Component.

Analog Audio Outputs
2 channels professional balanced analog audio via XLR 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.
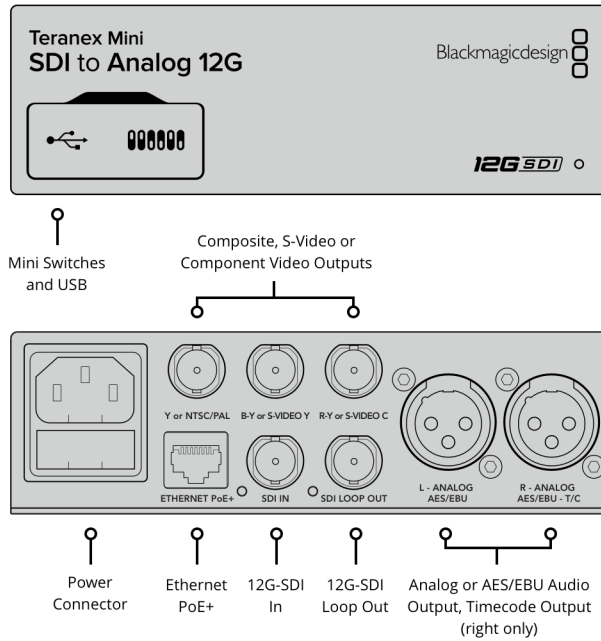
Embedded Audio Support
16 channels.

Multi Rate Support
Automatic switching between SD/HD/2K and 4K.

Updates and Configuration
USB or Ethernet.

Reclocking
Yes

Mini Switches and USB

Composite, S-Video or Component Video Outputs

Y or NTSC/PAL   B-Y or S-VIDEO Y   R-Y or S-VIDEO C

ETHERNET PoE+   SDI IN   SDI LOOP OUT

L - ANALOG AES/EBU   R - ANALOG AES/EBU - T/C

Power Connector

Ethernet PoE+

12G-SDI In

12G-SDI Loop Out

Analog or AES/EBU Audio Output, Timecode Output (right only)

Standards

SD Video Standards

525i59.94 NTSC, 625i50 PAL

HD Video Standards

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

2K Video Standards

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

Ultra HD Video Standards

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

4K Video Standards

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

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

4:2:2 and 4:4:4

SDI Color Space

YUV

Analog Video Standards

525i59.94 NTSC, 625i50 PAL

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

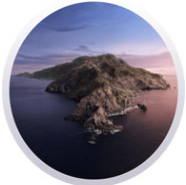HD down conversion

Software

Software Control
Mac™ and Windows™ software upgrade via USB and Ethernet.

Internal Software Upgrade
Via included updater application.

Operating Systems

Mac 10.14 Mojave,
Mac 10.15 Catalina or later.

Windows 8.1 and 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

1.75 in

5.51 in

6.69 in

LB
1.46 lb

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.

Blackmagic Design Authorized Reseller