Blackmagicdesign

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.

$495

Connections

Analog Video Input
Component SD/HD, NTSC, PAL and S-Video.

SDI Video Output
User selectable to SD, HD and 12G-SDI.

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

AES/EBU Audio Input
4 channels professional 110Ω balanced digital audio via XLR connectors. Right XLR can be configured for timecode input.
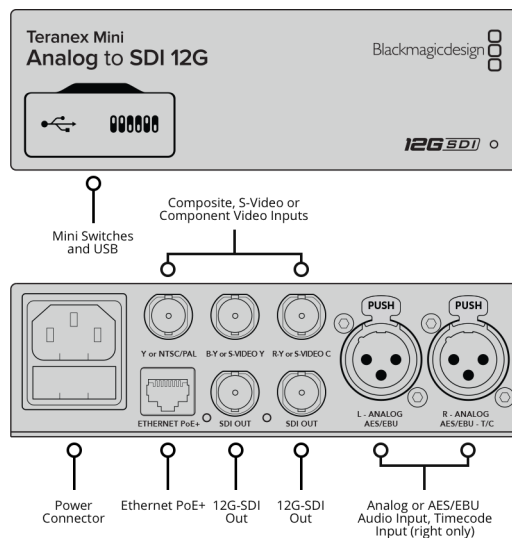
Multi Rate Support
SDI output switchable between HD for composite and S-Video and Ultra HD for component HD.

Updates and Configuration
USB or Ethernet.

Re-Clocking
Yes

Standards

SDI Compliance
SMPTE 292M, SMPTE 259M, SMPTE 296M, SMPTE 424M-B, 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 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

SDI Format Support
525i23.98, 29.97, 625i25 PAL
720p50, 59.94, 60
2160p25, 29.97, 50, 59.94
1080i50, 59.94, 60

Analog Format Support
525i23.98, 29.97 NTSC, 625i25 PAL
720p50, 59.94, 60
1080i50, 59.94, 60

Analog Color Space
REC 601, REC 709

Analog Color Precision
4:2:2

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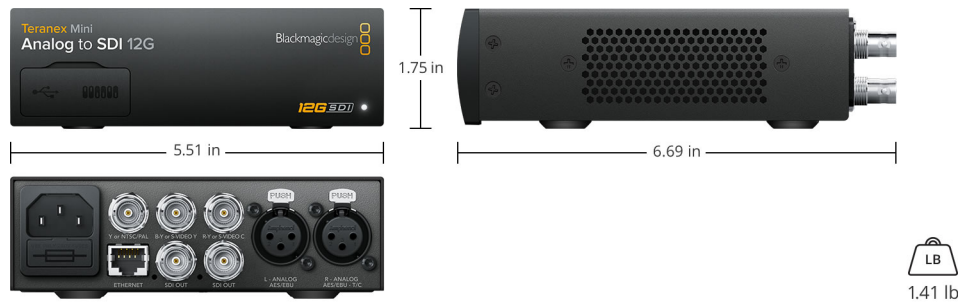Can be powered via 48V DC using PoE+ (power over ethernet).

Power Consumption
16 Watts

Operational Voltage Range
90 - 240V AC

Physical Specifications

1.75 in

5.51 in

6.69 in

LB
1.41 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 - Analog to SDI 12G
SD card with software and manual

Warranty

3 year Limited Manufacturer's Warranty.

Blackmagic Design Authorized Reseller