Blackmagicdesign
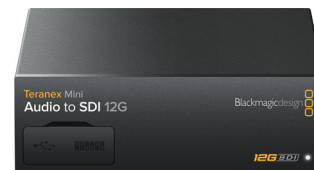
Teranex Mini Audio to SDI 12G

Embed up to 2 channels of audio from balanced analog, optical or HiFi RCA, or embed up to or 4 channels of AES/EBU digital audio into any SD, HD, Ultra HD or DCI 4K SDI video connection. Take audio from devices such as audio mixers, iPods and analog decks and embed it into SDI video connections for use with SDI routers and decks.

$649

Connections

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

SDI Video Outputs
1 x 12G-SDI output.

Analog Audio Inputs
2 channels professional balanced analog audio via XLR connectors, or 2 channel unbalanced analog line level via RCA 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.

Embedded Audio Support
16 channels.

Optical Audio Input
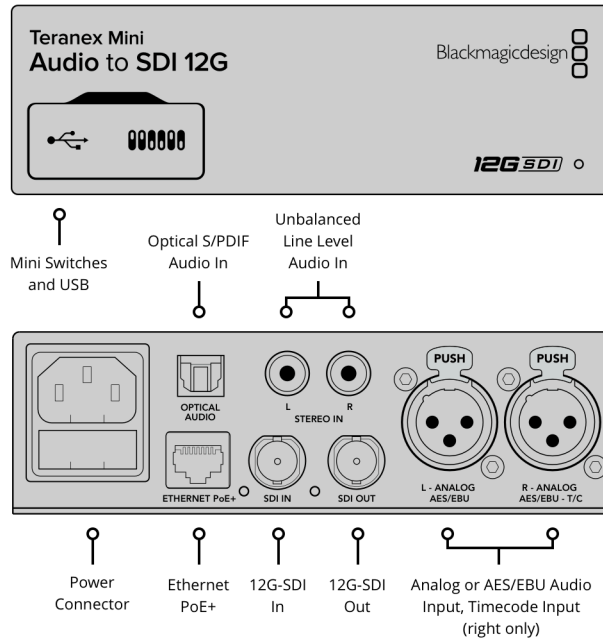S/PDIF Signal with TOSLINK Connector.

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

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
1080p23.98, 1080p24, 1080p25,
1080p29.97, 1080p30, 1080p50,
1080p59.94, 1080p60
1080PsF23.98, 1080PsF24,
1080PsF25, 1080PsF29.97, 1080PsF30

2K Video Standards
2Kp23.98 DCI, 2Kp24 DCI, 2Kp25 DCI
2KPsF23.98 DCI, 2KPsF24 DCI,
2KPsF25 DCI

Ultra HD Video Standards
2160p23.98, 2160p24, 2160p25,
2160p29.97, 2160p30, 2160p50,
2160p59.94, 2160p60

4K Video Standards
4Kp23.98 DCI, 4Kp24 DCI, 4Kp25 DCI

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, 1.5G-SDI, 3G-SDI,
6G-SDI and 12G-SDI.

SDI Video Sampling
4:2:2, 4:4:4

SDI Audio Sampling
Television standard sample rate of 48
kHz and 24-bit.

SDI Auto Switching
Automatically selects between SD,
HD, 3G, 6G and 12G-SDI.

SDI Color Precision
YUV 4:2:2 and RGB 4:4:4 in HD, 2K
and 4K.

SDI Color Space
REC 601, REC 709

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

1.75 in

5.51 in

6.69 in

LB
1.32 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 Audio to SDI 12G
Welcome wallet with QR code for software download

Warranty

3 Year Limited Manufacturer's Warranty.

Blackmagic Design Authorized Reseller