Teranex Mini
12G-SDI to Quad SDI

Convert 12G-SDI to Quad Link SDI so you can connect the latest 12G-SDI Ultra HD equipment with Quad Link Ultra HD equipment. Also allows Ultra HD SDI to be separated into four HD SDI outputs for using regular HD displays for creating video wall style displays. Includes 12G-SDI loop through and support for both Level A and Level B 3G-SDI equipment.

$495

Connections

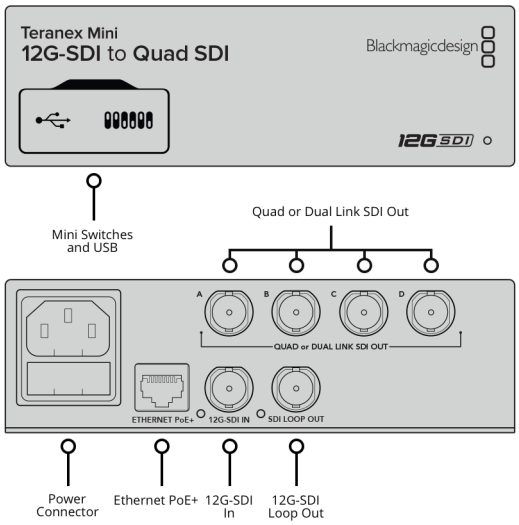
SDI Video Input
1 x 12G-SDI SD/HD/2K/4K auto switching.

SDI Video Output
4 x 3G-SDI outputs

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, 720p59.94, 720p60
1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p50, 1080p59.94, 1080p60
1080PsF23.98, 1080PsF24, 1080PsF25
1080i50, 1080i59.94, 1080i60

2K Format Support
1080p23.98, 24, 25, 30
1080PsF23.98, 24, 25

Ultra HD Format Support
2160p23.98, 2160p24, 2160p25, 2160p29.97, 2160p30, 2160p50, 2160p60

4K Format Support
2160p23.98, 2160p24, 2160p25, 2160p29.97, 2160p30.

SDI Compliance
SMPTE 259M, SMPTE 292M, SMPTE 296M, SMPTE 372M, SMPTE 424M, SMPTE 425M, SMPTE 2081-1, SMPTE 2081-10, SMPTE 2082-1, SMPTE 2082-10

SDI Video Rates
SDI video connections are switchable between standard definition, 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 Space
YUV & RGB

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

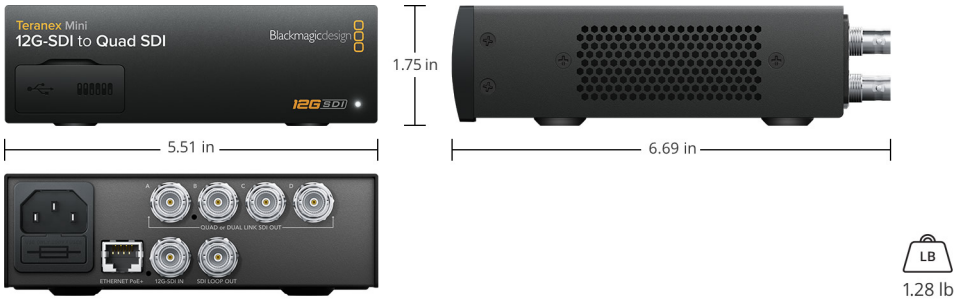
Power Supply
1 x built-in international AC power supply with IEC C14 inlet. IEC Power cable required. 90 - 240V AC Input.

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 - 12G-SDI to Quad SDI
SD card with software and manual

Warranty

3 year Limited Manufacturer's Warranty.

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