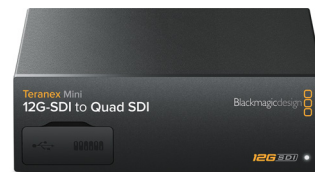


Teranex Mini 12G-SDI to Quad SDI



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.

Connections

SDI Video Inputs

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

SDI Video Outputs

4 x 3G-SDI and 1 x 12G-SDI loop output.

Embedded Audio Support

16 channels.

Multi Rate Support

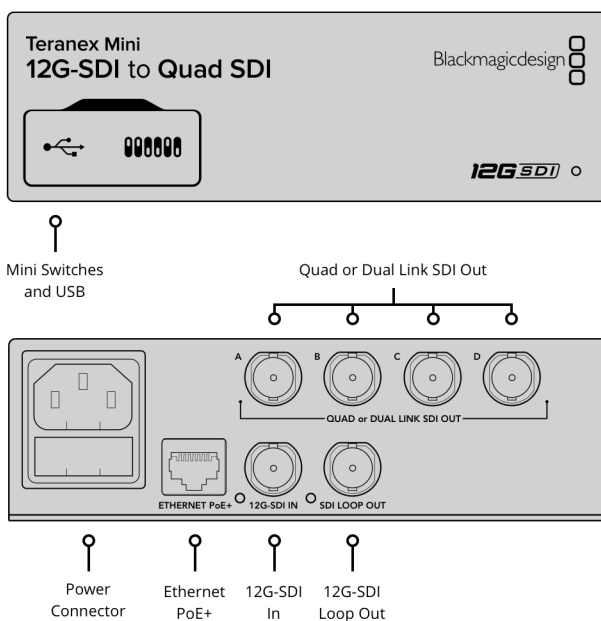
Automatic switching between SD/HD/2K and 4K

Updates and Configuration

USB or Ethernet

Reclocking

Yes



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
1080i50, 1080i59.94, 1080i60

2K Video Standards

2K DCI 23.98, 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
2081-11, SMPTE 2082-1 and 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

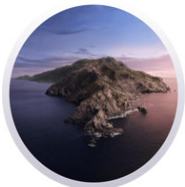
Software Control

Mac™ 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



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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