

Teranex Mini Quad SDI to 12G-SDI



Convert Quad Link SDI to 12G-SDI so you can connect Quad Link Ultra HD equipment to the latest 12G-SDI Ultra HD equipment. Allows equipment that uses four BNC cables to be connected using a single 12G-SDI BNC cable for connecting to the latest routers, switchers, projectors and more! Supports both Level A and Level B 3G-SDI equipment.

Connections

SDI Video Inputs

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

Multi Rate Support

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

Updates and Configuration

USB or Ethernet

SDI Video Outputs

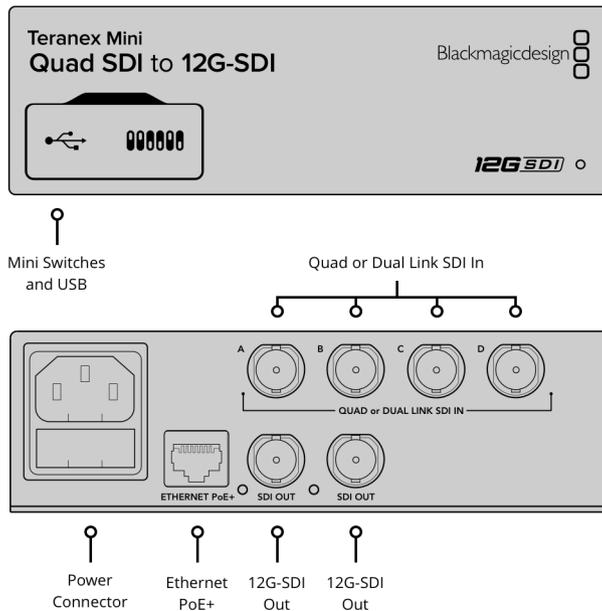
2 x 12G-SDI.

Embedded Audio Support

16 channels.

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 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 10.15 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



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 Quad SDI to 12G-SDI

Welcome wallet with QR code for software download

Warranty

3 year Limited Manufacturer's Warranty.

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