

# 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

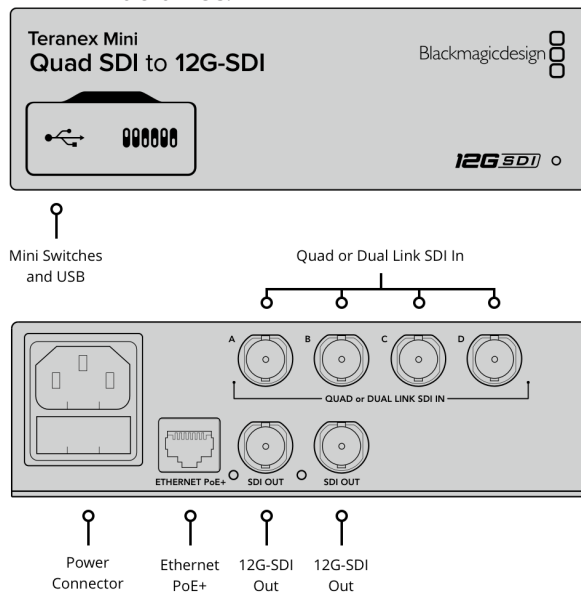
2 x 12G-SDI.

### Embedded Audio Support

16 channels.

### Reclocking

Yes



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## 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,  
1080PsF29.97, 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  
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

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## Software

### Software Control

Mac™ and Windows™ software  
upgrade via USB and Ethernet.

### Internal Software Upgrade

Via included updater application.

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## Operating Systems



Mac 10.12 Sierra,  
Mac 10.13 High Sierra or later.



Windows 8.1 or Windows 10.

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## 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.

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## 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

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## 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

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## What's Included

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

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## Warranty

3 year Limited Manufacturer's Warranty.

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