

## Teranex Mini SDI to HDMI 12G



Convert from 12G-SDI to HDMI. Supports all video formats including SD, HD, 6G and 12G-SDI rates and includes down converter when working with a HDMI monitor, which will select the best format it can support. De-embed audio to balanced analog or AES/EBU formats and timecode output. Also includes Instant Lock on HDMI output as well as 33 point LUT. Perfect for using HDMI televisions as SDI broadcast monitors and for connecting to video projectors.

**A\$935**

### Connections

#### SDI Video Inputs

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

#### SDI Video Outputs

1 x 12G-SDI loop output.

#### HDMI Video Outputs

1 x HDMI 2.0 type A connector with support for 2160p60.

#### Analog Audio Outputs

2 channels professional balanced analog audio via XLR connectors. Right XLR can be configured for Timecode output.

#### Digital Audio Outputs

4 channels professional 110Ω balanced digital audio via XLR connectors. Right XLR can be configured for Timecode output.

#### Embedded Audio Support

8 channels.

#### Multi Rate Support

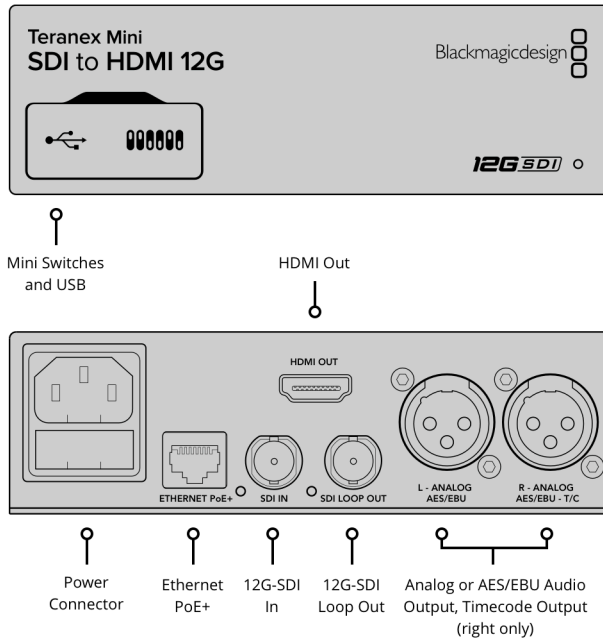
270MB, 1.5G, 3G, 6G and 12G.

#### Updates and Configuration

USB or Ethernet.

#### Reclocking

Yes



## SDI Input 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, 1080p47.95,  
 1080p48, 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, 2160p47.95,  
 2160p48, 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 Precision

4:2:2 and 4:4:4

### SDI Color Space

YUV and RGB. 33 point LUTs can be loaded via Teranex Utility.

## HDMI Output Standards

### SD Video Standards

525i59.94 NTSC, 625i50 PAL

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**HD Video Standards**

720p50, 720p59.94, 720p60  
1080i50, 1080i59.94, 1080i60  
1080p23.98, 1080p24, 1080p25,  
1080p29.97, 1080p30, 1080p47.95,  
1080p48, 1080p50, 1080p59.94,  
1080p60  
1080PsF23.98, 1080PsF24,  
1080PsF25, 1080PsF29.97, 1080PsF30

**Ultra HD Video Standards**

2160p23.98, 2160p24, 2160p25,  
2160p29.97, 2160p30, 2160p47.95,  
2160p48, 2160p50, 2160p59.94,  
2160p60

**4K Video Standards**

4K DCI 23.98p, 4K DCI 24p, 4K DCI  
25p

**HDMI Color Space**

REC 601, REC 709

**HDMI Color Precision**

YUV 4:2:2 in HD, 2K and 4K. 33 point  
LUT can be loaded via the  
Teranex Utility.

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**Software****Software Control**

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

**Internal Software Upgrade**

Via included updater application.

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**Operating Systems**

Mac 10.15 Catalina,  
Mac 11.1 Big Sur or later.



Windows 10, 64-bit.

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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. 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

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## Physical Specifications



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## 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 SDI to HDMI 12G

Welcome wallet with QR code for software download

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## Warranty

3 year Limited Manufacturer's Warranty.

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