Introducing Teranex Mini

Next generation mini converters with better technology and features!

Introducing Teranex Mini, the next generation 12G-SDI converters with award winning Teranex quality, and support for all SD, HD and Ultra HD formats up to 2160p60! At Teranex Mini, include an internal AC power supply, professional XLR analog and AES/EBU audio connections and an otherwise connection for remote management and that alternate power! Teranex Mini features a user upgradable firmware design that lets you add new features and functionality in the future! Plug in the optional Smart Panel settings right from the front of the converter! You get all of the same great features of regular mini converters and more!

Use Anywhere

The world's most versatile converters!

The all new Teranex Mini converters make building facilities and supporting all different types of broadcast and production workflows easier than ever! Teranex Mini converters are important because they can be rack mounted and the optional front panel let you see what's being converted on the screen! They can even be remote managed over ethernet. Their compact size means they can be used anywhere, from broadcast studios to production trucks, from professional broadcast connections to streaming to cinema and other audio-given! You can even use them in editing and color grading suites to drive big screen displays and projectors!

Reinventing the Mini Converter

The first mini converter you don't have to hide!

Teranex Minis are so small that you can use them like regular mini converters such as hiding them in cable runs or behind equipment racks! Unlike other mini converters, Teranex Mini converters have a design that you can place on the desktop where you can see them, or rack mount them in larger broadcast systems. Unlike regular mini converters, you get full professional XLR audio connections and an otherwise port for remote management! Teranex Mini converters are not just ordinary mini converters, they are mini converters so you can change settings instantly, or when you're doing mission critical work, you can add the optional front panel to see exactly what you're converting.

Rack Mountable

The world's first 12G-SDI rack mount converters!

Can't beast rack converters are expensive, carrie handle high SDI speeds such as 12G-SDI and you don't want to hide them behind equipment racks! Teranex Mini converters are different! They are rack mounted in standard 1U rack mount kits or on the desktop! Plug in power and put them into rack mounted ethernet you need! You get built in AC power and ethernet at every converter so thanks to Teranex Mini converters, you can place them anywhere! Teranex Mini converters are the first mini converters that are built specially rugged for rack mounting! Small converter, and you can put it on top of your ethernet! Because they're so small you can mount them on the front or the rear of an equipment rack or road case.

Advanced 12G-SDI

Blazing fast 12G-SDI for SD, HD and Ultra HD!

Teranex Mini converters feature cutting edge, much use 12G-SDI technology that's 4 times faster than regular HD-SDI. 12G-SDI is much ease so it will last longer than other converters! Because it's so fast and ultra HD video formats instantly, so you can connect Teranex Mini to all your existing SD and HD SDI equipment, and when you're ready to use Ultra HD up to 2160p60 on a single BNC cable so you can work in Ultra HD and keep your high speed video production workflow! See moving sports and action programming.

Smart Thermal Design

Easily handles 12G-SDI in tough environments!

Teranex Mini features an innovative thermal design with crossflow cooling that keeps them running perfectly, even when rack mounted side by side and in tough environments! Its intelligent thermal subsystem and internal heat pipe assist with cooling and keeps the air flowing at all times while minimizing noise. Mini converters need to stay cool, and Teranex Mini works together to get through the hot sweaty therm of call and providing redundancy for each converter.

Teranex Mini Smart Panel

Monitor video on your converter!

The Teranex Mini Smart Panel takes the guesswork out of using a converter! Now you can see the video going through your converter using the built in LCD screen. The panel also features push button controls for easy setup! Instead of using a PC to change settings, you can do it right on the Teranex Mini Smart Panel! It's perfect when you're on the field or on set without external monitors, or even when you have multiple converters mounted in equipment racks and just want to see what's going through them all!

Step 1: Remove the rubber screw on each side of the winning panel and gently pull it off.

Step 2: Plug in the Teranex Mini Smart Panel and fasten using the screws.

Broadcast Connections

True XLR audio, ethernet and built in IEC AC power connectors

All Teranex Mini converters feature standard, professional broadcast quality connectors, including full size professional XLR audio connections and rugged BNC connections for SDI and analog video! Unlike other mini converters, Teranex Mini converters have an otherwise port, a built in power supply with IEC power supply and standard IEC AC power connector so you can use any regular power cable. The built in ethernet connection allows remote administration and can also be used to power the converter when connected to power over ethernet switch.

Digital and Analog Audio

Truly professional quality audio!

The professional XLR connectors can be switched between balanced analog or AES/EBU digital audio inputs, so you can connect to any professional analog or digital audio equipment. If you're listening your digital audio gear, you can keep your audio digital the whole way through for perfect digital quality. With professional analog audio connections, you can connect to any professional audio equipment, including professional preamplifiers, mixers and more. Unlike cheap consumer gear, the analog quality Teranex Mini's features an extremely low noise floor of more than -115 dBFS, so even analog audio background hums and hisses are gone!

New for NAB 2016

HDMI Instant Lock

Get instant image lock when using consumer HDMI TV's

HDMI extensions and proprietary make-great features, but they can take a long time to lock onto a signal when a new source is connected! Teranex Mini HDMI converters have a patented instant lock feature that fixes this problem because it continues sending an active HDMI signal to the display even when the source is disconnected! Unlike other mini converters, Teranex Mini's have a corresponding optical fiber models so you can use fiber optical fiber systems and convert back to HDMI! Unlike other mini converters, Teranex Mini HDMI models of Teranex Minis have a corresponding optical fiber model so you can run native optical fiber systems and convert directly from optical fiber to HDMI.

Optical Fiber Models

Build broadcast facilities using optical fiber!

Optical fiber SDI is becoming more popular because it supports longer distances than regular copper coaxial cable of 12G-SDI. Optical fiber cables can be installed by electricians or computer networking installers so it's easy to use. Each model of Teranex Mini has a corresponding optical fiber model so you can run native optical fiber systems and convert back to HDMI! Unlike other mini converters, Teranex Mini HDMI models of Teranex Minis have a corresponding optical fiber model so you can run native optical fiber systems and convert directly from optical fiber to HDMI.

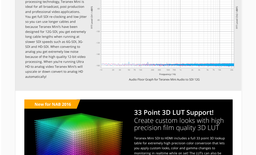
10,800m / 32,808ft

Video ratio 4K at 24fps

Local or Remote Control

Easily control and manage your converters!

Like regular Mini Converters, Teranex Mini features built in mini switches and a printed diagram on the converter so you can quickly and easily change settings. When using the optional Teranex Smart Panel, settings can be changed using the push buttons and simple on screen menus. If you're in a larger facility, you can also remotely control and manage them from a Mac or Windows computer using the included Converter Utility software.



Highest Quality!

Patented Teranex Image Processing

Built using high quality Teranex video processing technology, Teranex Mini is ideal for all broadcast, post production and professional video applications. Unlike other mini converters, Teranex Mini's are quality so you can trust your video and because Teranex Mini's have been built using the same technology used in very high quality when running at slower SDI speeds such as HD-SDI, SD-SDI and analog, you can trust they are rock solid because of the high quality 12 GS video processing. When converting from HD to SD or analog, Teranex Mini's automatically upscale or downscale converting HD automatically!

Audio Noise Floor Graph for Teranex Mini Audio to SDI 12G

New for NAB 2016

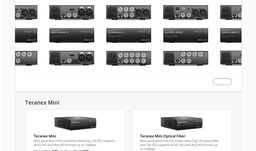
33 Point 3D LUT Support!

Create custom looks with high precision film quality 3D LUT

Teranex Mini SDI to HDMI includes a full 33 point 3D lookup table (LUT) so you can create custom looks and grading! You can also apply custom looks, color and gamma changes for monitoring or realtime while on set! The LUTs can also be loaded from the optional Teranex Smart Panel! Unlike other Teranex Mini SDI to HDMI or 12 GS LUT generators, 3D LUTs from DaVinci Resolve as supported so you can use the same LUT on set and in post! Unlike other Teranex Mini converters, you can also load custom LUTs using the included converter utility software over Ethernet, or from the optional Teranex Mini Smart Panel!

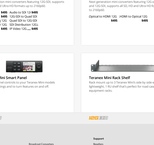
7 Models

HDMI to SDI 4K, SDI to HDMI 4K, SDI to Analog 4K, Analog to SDI, Audio to SDI 4K, SDI to Audio and more



BlackmagicDesign

Teranex Mini



Teranex Mini
Analog HDMI 4K converters featuring 12G-SDI, supports all HD, 2K and Ultra HD formats up to 2160p60.
SDI to HDMI **$495** Analog to SDI 12G **$495**
SDI to Analog 12G **$495** Analog to SDI **$495**
SDI to Analog 4K **$495** Audio SDI to 12G **$495**
SDI to Audio **$495** SDI Distribution 12G **$495**
SDI to Audio **$495** Fiber 12G **$495**

Teranex Mini Optical Fiber
Optical fiber converters featuring 12G optical fiber and 12G-SDI, supports all HD and Ultra HD formats up to 2160p60.
Optical to HDMI 12G **$495** Optical to Optical 12G **$495**

Teranex Mini Smart Panel
Add front panel controls to your Teranex Mini models for adjust settings and to turn features on and off.

Teranex Mini Rack Shelf
Rack mount up to 2 Teranex Mini's side by side with this rack shelf. Rack shelf fits perfectly for road cases, equipment racks.

$85

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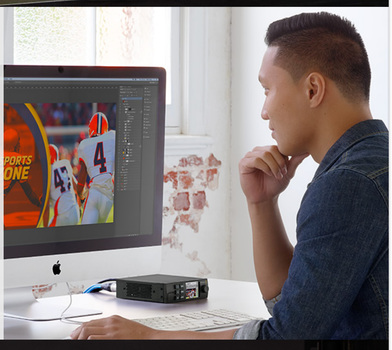
Broadcast quality converters for every situation!

Using a Television for SDI Monitoring

Teranex Mini SDI to HDMI is perfect for using a big screen television to monitor SDI video from professional broadcast equipment! The compact size means you can mount it behind a big screen Ultra HD television set. Easily connect SDI signals from professional cameras, switchers, routers, decks or capture cards and convert to HDMI.

Convert Computer HDMI to SDI

Today's modern desktop and laptop computers have HDMI connections so you can create on-air graphics or send content from a computer screen out to SDI using the Teranex Mini HDMI to SDI model. Now you can use your computer as a full resolution HD or Ultra HD graphics source in pristine digital quality.

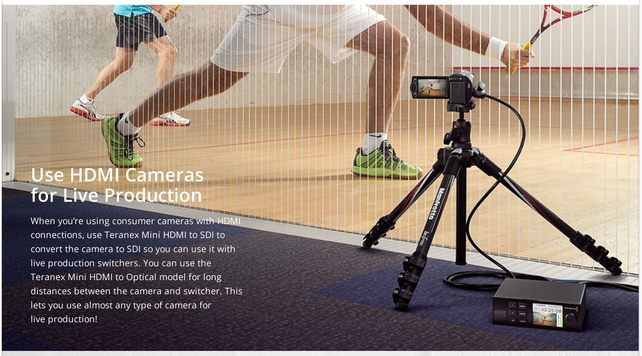


Use Pro Audio Gear with SDI

When you're integrating pro audio gear such as professional mixers, effects processors, compressors or limiters, you can use Teranex Mini SDI to Audio and Teranex Mini Audio to SDI models to separate the audio from the SDI connection so it can be used by the audio equipment. You can even rack mount the converters under the audio equipment.

HDMI Video Projectors

Large venues like concert halls, convention centers and stadiums often have multiple projectors and screens mounted throughout the venue. You can use a Teranex Mini Optical to HDMI model to run optical fiber cables, even at extremely long distances and reliably connect to HDMI televisions and projectors throughout the venue.



Use HDMI Cameras for Live Production

When you're using consumer cameras with HDMI connections, use Teranex Mini HDMI to SDI to convert the camera to SDI so you can use it with live production switchers. You can use the Teranex Mini HDMI to Optical model for long distances between the camera and switcher. This lets you use almost any type of camera for live production!

Connect Analog Equipment to SDI

With millions of hours of content on older tape formats such as 1" or Betacam, you can use the analog Teranex Mini models to connect to the latest SDI equipment. Teranex Minis include up and down converters so you can even connect an old deck to Ultra HD! Teranex Mini SDI to Analog will down convert to ensure your deck always gets an SD signal.

Teranex Mini 12G Converters

Build your SDI studio with the world's most advanced converters

Show All | 12G-SDI | 12G-SDI Optical Fiber

12G-SDI

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.

Tech Specs | Diagram

Teranex Mini - HDMI to SDI 12G

Convert from HDMI to 12G-SDI. Works with all video formats including SD, HD, 6G and 12G-SDI rates and includes an up converter for converting HD to Ultra HD. Embed audio from balanced analog or AES/EBU and timecode input. Ideal for converting HDMI consumer cameras to SDI, or adding SDI outputs to computers with HDMI connections.

Tech Specs | Diagram

Teranex Mini - SDI to Analog 12G

Convert from 12G-SDI to Analog. Use SD, HD, 6G and 12G-SDI rates and convert to analog video output. Built in down converter lets you connect Ultra HD sources to component video equipment in SD or HD. Allows you to connect analog equipment including Betacam SP, VHS, and video monitors.

Tech Specs | Diagram

Teranex Mini - Analog to SDI 12G

Convert from analog video to 12G-SDI. Convert incoming analog video signals to SD, HD, 6G and 12G-SDI. Ideal for converting your analog devices such as Betacam SP, VHS, set top boxes, gaming consoles and HDV cameras to incredible quality SD/HD/Ultra HD SDI video up to 2160p60.

Tech Specs | Diagram

Teranex Mini - SDI to Audio 12G

De-embed audio from any SD, HD or Ultra HD SDI video connection and output 2 channels of analog audio to balanced XLR, optical or HiFi RCA, or output up to 4 channels of AES/EBU digital audio. Perfect for converting and outputting SDI audio to a massive range of audio equipment such as audio mixers, iPods, analog broadcast decks, audio monitors and more.

Tech Specs | Diagram

Teranex Mini - Audio to SDI 12G

Embed up to 2 channels of audio from balanced analog, optical or HiFi RCA, or embed up to or 4 channels of AES/EBU digital audio into any SD, HD, Ultra HD or DCI 4K SDI video connection. Take audio from devices such as audio mixers, iPods and analog decks and embed it into SDI video connections for use with SDI routers and decks.

Tech Specs | Diagram

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.

Tech Specs | Diagram

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.

Tech Specs | Diagram

Teranex Mini - SDI Distribution 12G

Distribute a single SDI video input to up to eight SDI outputs. Features the latest multi rate 12G-SDI connections with full SDI re-clocking allowing the converter to automatically switch between all SD, HD and Ultra HD formats up to 2160p60. Perfect for distributing a single SDI signal to multiple devices such as monitors, switchers and encoders.

Tech Specs | Diagram

Teranex Mini - IP Video 12G

Now you can convert video to IP and route it over your existing ethernet network, or you can convert IP video back to SDI. Teranex Mini IP Video 12G uses standard Blackmagic Videohub software and hardware control panels to configure and switch IP video over ethernet as easily as SDI signals! You get 12G-SDI and the low latency broadcast quality TICO codec so you can route HD over the built in gigabit ethernet connection or Ultra HD over 10G ethernet with an optional 10G SFP!

Tech Specs | Diagram 1 | Diagram 2

12G-SDI Optical Fiber

Teranex Mini - Optical to HDMI 12G

Now you can convert from SDI and SMPTE optical fiber to HDMI! Simply insert the SMPTE optical fiber module of your choice to get video and embedded audio over massive distances using 3G, 6G, or 12G-SDI optical fiber! You get professional 12G-SDI and XLR connections, a down converter for viewing Ultra HD sources on HD displays plus ethernet for remote admin control. The optical fiber SFP module is sold separately so you can purchase the SMPTE compatible 3G-SDI, 6G-SDI or 12G-SDI SFP module to suit your workflow. You can even add an optional Smart Panel to add LCD monitoring and push button controls to your Teranex Mini!

Tech Specs | Diagram

Teranex Mini - HDMI to Optical 12G

Now you can convert from HDMI to SDI and SMPTE optical fiber! Simply insert the SMPTE optical fiber module of your choice to send video and embedded audio over massive distances using 3G, 6G, or 12G-SDI optical fiber! You get professional 12G-SDI and XLR connections, an up converter for viewing SD and HD sources on Ultra HD displays plus ethernet for remote admin control. Optical fiber SFP module sold separately so you can purchase the SMPTE compatible 3G-SDI, 6G-SDI or 12G-SDI SFP to suit your workflow. You can even add an optional Smart Panel to add LCD monitoring and push button controls to your Teranex Mini!

Tech Specs | Diagram

Accessories

Teranex Mini Smart Panel

The Teranex Mini's optional premium front panel includes straight forward push buttons and a built in LCD screen for easier set up. The LCD screen also displays the video going through each of your converters! The premium front panel is perfect when you're out in the field or on set without external monitors, or even when you have multiple converters mounted in equipment racks and just want to see what's going through them all!

Teranex Mini Rack Shelf

Teranex Mini are designed to be racked side by side, with three converters fitting in 1RU, six in 2RU, and nine in 3RU. When multiple units are racked side by side, variable speed fans pull from one unit into the next to facilitate optimal air flow. If a fan fails adjacent Teranex Mini will increase fan speed, to prevent overheating! And because they're small and lightweight, you can even mount them in the rear of a rack or road case!

Teranex Mini

Teranex Mini

Next generation mini converters featuring 12G-SDI, Supports all SD, HD and Ultra HD formats up to 2160p60.

SDI to HDMI **$495** Audio to SDI 12G **$495**
HDMI to SDI **$495** 12G-SDI to Quad SDI
SDI to Analog 12G Quad SDI to 12G-SDI
Analog to SDI 12G SDI Distribution 12G
SDI to Audio **$495** IP Video 12G **$495**

Teranex Mini Optical Fiber

Next generation mini converters featuring 12G-optical fiber and 12G-SDI, supports all SD, HD and Ultra HD formats up to 2160p60.

Optical to HDMI 12G **$495** HDMI to Optical 12G **$495**

Teranex Mini Smart Panel

Add front panel controls to your Teranex Mini models to adjust settings and to turn features on and off.

Teranex Mini Rack Shelf

Rack mount up to 3 Teranex Mini's side by side with this lightweight, 1 RU shelf that's perfect for road cases or equipment racks.

$85

Cod. CONVNTRM/DB/SDIQD - PShow: 270639

Teranex Mini
12G-SDI to Quad SDI

Converte i segnali 12G-SDI in quad link SDI, rendendo l'attrezzatura 12G-SDI di ultima generazione compatibile con i sistemi quad link Ultra HD. Separa e distribuisce il segnale Ultra HD SDI alle quattro uscite HD SDI, consentendo di creare pareti video wall con i comuni display HD. Include un'uscita di loop 12G-SDI ed è compatibile con i sistemi 3G-SDI di livello A e B.

Connessioni

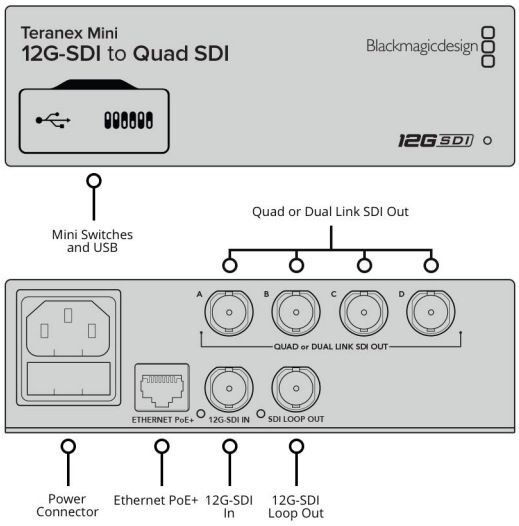
Ingresso video SDI
1 x 12G-SDI SD/HD/2K/4K con commutazione automatica.

Uscita video SDI
4 x 3G-SDI

Compatibilità con diversi tipi di frequenza
Commutazione automatica tra SD/HD/2K/4K.

Aggiornamenti e configurazione
Tramite USB o ethernet.

Re-Clocking
Sì



Standard

Formati SD compatibili
525i29.97 NTSC, 625i25 PAL

Formati Ultra HD compatibili
2160p23.98, 24, 25, 29.97, 30, 50, 59.94, 60

Formati HD compatibili
720p50, 59.94, 60
1080p23.98, 24, 25, 29.97, 30, 50, 59.94, 60
1080PsF23.98, 24, 25
1080i50, 59.94, 60

Formati 2K compatibili
1080p23.98, 24, 25, 30
1080PsF23.98, 24, 25

Formati 4K compatibili
2160p23.98, 24, 25, 29.97, 30

Conformità alla norma SDI
SMPTE 259M, SMPTE 292M, SMPTE 296M, SMPTE 372M, SMPTE 424M, SMPTE 425M, SMPTE 2081-1, SMPTE 2081-10, SMPTE 2082-1, SMPTE 2082-10

Frequenze video SDI
Le connessioni SDI commutano automaticamente tra definizione standard, alta definizione livello A e B 3G-SDI, 6G-SDI e 12G-SDI.

Campionamento video SDI
4:2:2 e 4:4:4

Campionamento audio SDI
Frequenza di campionamento di standard televisivo di 48kHz e 24 bit.

Spazio colore SDI
YUV e RGB

Software

Controllo software
Aggiornamento per Mac OS X™ e Windows™ tramite USB o ethernet.

Aggiornamento del software interno
Tramite applicazione di aggiornamento (inclusa).

Sistemi Operativi

Mac OS X 10.10 Yosemite, Mac OS X 10.11 El Capitan o successivo.

Windows 8.1 o Windows 10.

Controllo Impostazioni

Impostazioni principali
Mini interruttori, USB o ethernet tramite utilità di software gratuita.

Pannello frontale opzionale
Pannello Smart Panel con LCD, manopola e sei pulsanti per le impostazioni.

Requisiti di Alimentazione

Alimentazione
1 x fonte di alimentazione incorporata AC con presa IEC C14. È necessario un cavo di alimentazione IEC. Ingresso 90-240V AC.

Power over Ethernet
Ingresso 48V DC tramite PoE+.

Consumo energetico
16 W

Voltaggio operativo
90-240V AC

Specifiche Fisiche

580 g

Specifiche Ambientali

Temperatura operativa:
da 0° a 40° C

Temperatura di archiviazione:
da -20° a 60° C

Umidità relativa:
da 0% a 90% senza condensazione

Cos'è Incluso?

Teranex Mini - 12G-SDI to Quad SDI
Scheda SD con software e manuale

Garanzia

Garanzia limitata di tre anni fornita dal produttore.

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Teranex Mini - 12G-SDI to Quad SDI

Technical Specifications

Description

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.

Price

$495

Connections

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

Please click here for a summary of recommended cables to use with Blackmagic 12G-SDI products.

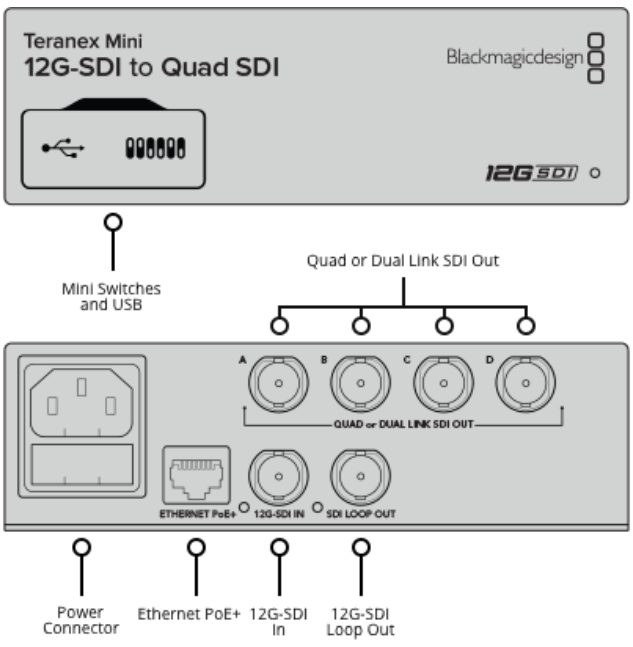
SDI Video Outputs
4 x 3G-SDI outputs

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, 4K DCI 29.97p, 4K DCI 30p

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

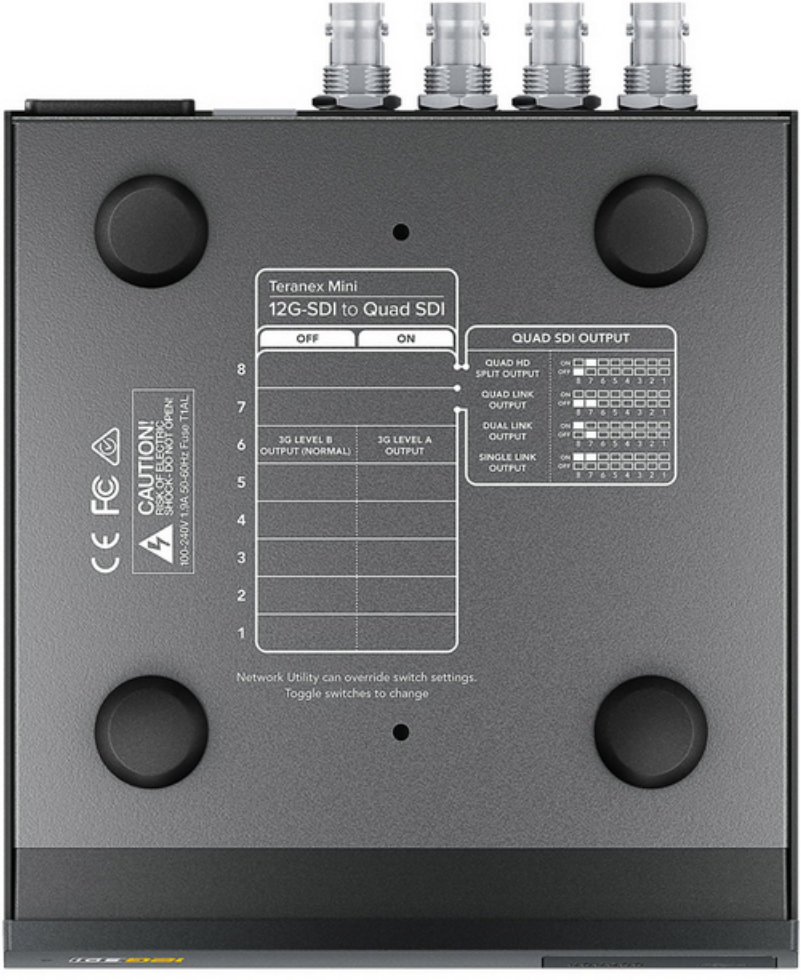
What's Included

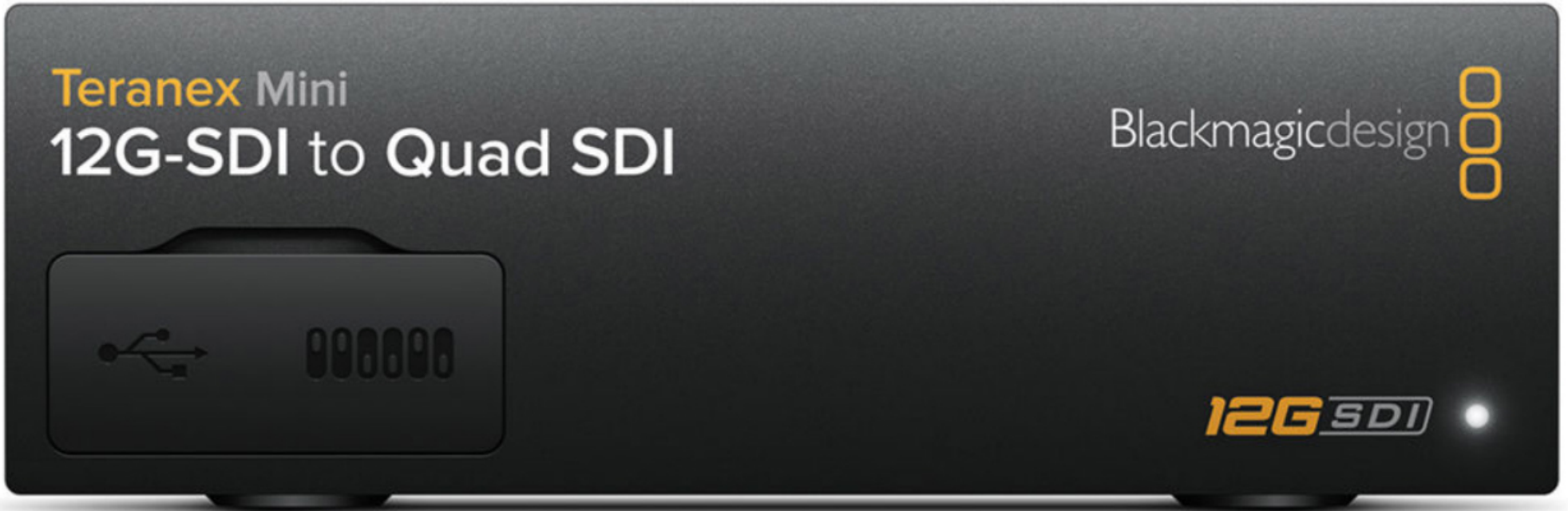
Teranex Mini - 12G-SDI to Quad SDI
SD card with software and manual

Warranty

3 year Limited Manufacturer's Warranty.

Teranex Mini - 12G-SDI to Quad SDI




Teranex Mini
12G-SDI to Quad SDI
Blackmagicdesign
12G SDI

Teranex Mini
12G-SDI to Quad SDI
Blackmagicdesign
12G SDI

A
B
C
D
QUAD or DUAL LINK SDI OUT
USE ONLY 250V FUSES
ETHERNET PoE+
12G-SDI IN
SDI LOOP OUT

Cod. CONVNTRM/NB/ANOPT - PShow: 255554

Teranex Mini
Analog to Optical 12G

Rileva i segnali video analogico e li converte in fibra ottica 12G in SD, HD, 6G e 12G-SDI. È ideale per elaborare i contenuti di dispositivi analogici, quali Betacam SP, VHS, apparecchi elettronici per TV, console di gioco e videocamere HDV, e ottenere immagini SDI di ottima qualità in SD, HD e Ultra HD fino a 2160p60.

Connessioni

Ingresso video analogico
A componenti SD/HD, NTSC, PAL e s-video.

Connessione per fibra ottica
Connettore LC, lunghezza d'onda di 1310 nanometri, monomodale.

Uscita video per fibra ottica
Corrispondenza automatica all'ingresso video SD e HD.

Uscita video SDI
Corrispondenza automatica all'ingresso video SD e HD.

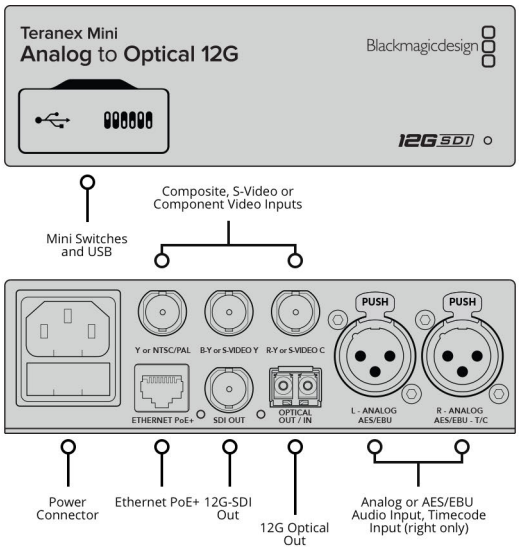
Ingresso audio analogico
2 canali analogico bilanciato professionale tramite connettori XLR. La connessione XLR di destra è configurabile per ingresso timecode.

Ingresso audio AES/EBU
4 canali digitale bilanciato professionale 110Ω tramite connettori XLR. La connessione XLR di destra è configurabile per ingresso timecode.

Compatibilità con diversi tipi di frequenza
Commutazione automatica tra SD/HD/2K/4K.

Aggiornamenti e configurazione
Tramite USB o Ethernet.

Reclocking
Sì



Standard

Conformità alla norma SDI
SMPTE 292M, SMPTE 259M, SMPTE 296M, SMPTE 372M, SMPTE 424M, SMPTE 425M, SMPTE 297M per fibra ottica SDI, SMPTE 2081-1, SMPTE 2081-10, SMPTE 2082-1, SMPTE 2082-10

Frequenze video SDI
Selezione automatica del formato del segnale analogico in entrata.

Campionamento video SDI
4:2:2 e 4:4:4.

Campionamento audio SDI
Frequenza di campionamento di standard televisivo di 48kHz e 24bit.

Precisione Colore SDI
YUV 4:2:2 e RGB 4:4:4 in HD, 2K e 4K.

Spazio colore SDI
REC 601, REC 709

Commutazione SDI
L'uscita SDI commuta tra HD per video composito, S-Video, e Ultra HD per video a componenti HD.

Formati SDI compatibili
SD, HD e 12G-SDI selezionabile dall'utente. Seleziona la frequenza di trasmissione dell'ingresso.

Formati analogici compatibili
525i29.97 NTSC, 625i25 PAL
720p50, 59.94, 60
1080p23.98, 24, 25, 29.97, 30, 50, 59.94, 60
1080i50, 59.94, 60

Spazio colore analogico
REC 601, REC 709

Precisione colore analogica
4:2:2

Software

Controllo software
Aggiornamento per Mac OS X™ e Windows™ tramite USB o Ethernet.

Aggiornamento del software interno
Tramite applicazione di aggiornamento (inclusa).

Sistemi Operativi

Mac OS X 10.10 Yosemite, Mac OS X 10.11 El Capitan o successivo.

Windows 8.1 o Windows 10.

Controllo Impostazioni

Impostazioni principali
Mini interruttori, USB o Ethernet tramite utilità di software gratuita.

Pannello frontale opzionale
Pannello Smart Panel con LCD, manopola e sei pulsanti per le impostazioni.

Requisiti di Alimentazione

Alimentazione
1 x fonte di alimentazione incorporata AC con presa IEC C14. È necessario un cavo di alimentazione IEC. Ingresso 90-240V AC.

Power Over Ethernet
Ingresso 48V DC tramite PoE+.

Consumo energetico
16 W

Voltaggio
90-240V AC

Specifiche Fisiche

640 g

Specifiche Ambientali

Temperatura operativa:
da 0° a 40° C

Temperatura di archiviazione:
da -20° a 60° C

Umidità relativa:
da 0% a 90% senza condensazione

Cos'è Incluso?

Teranex Mini - Analog to Optical 12G
Scheda SD con software e manuale

Garanzia

Garanzia limitata di tre anni fornita dal produttore.

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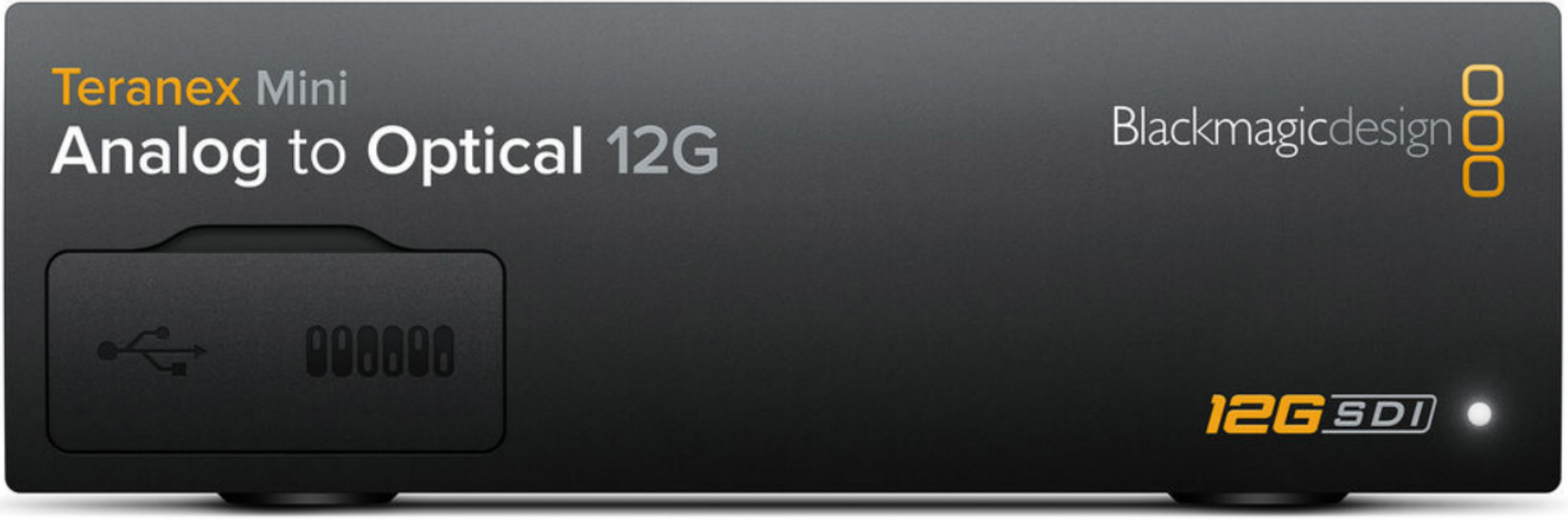
Rivenditore autorizzato di Blackmagic Design

Teranex Mini
Analog to Optical 12G
Blackmagicdesign
12G SDI


Teranex Mini
Analog to Optical 12G
Blackmagicdesign
12G SDI

PUSH
PUSH
Amphenol
Amphenol
Y or NTSC/PAL
B-Y or S-VIDEO Y
R-Y or S-VIDEO C
ETHERNET
SDI OUT
OPTICAL
OUT / IN
L - ANALOG
AES/EBU
R - ANALOG
AES/EBU - T/C

Cod. CONVNTRM/BB/ANSDI - PShow: 255548

Teranex Mini
Analog to SDI 12G

Converte da video analogico a 12G-SDI. Esegue conversioni di segnali video analogico in SD, HD, 6G e 12G-SDI. È ideale per convertire i tuoi dispositivi analogici, come Betacam SP e VHS, apparecchi elettronici per TV, console di gioco e videocamere HDV in una fantastica qualità video SD/HD/Ultra HD SDI fino a 2160p60.

Connessioni

Ingresso video analogico
A componenti SD/HD, NTSC, PAL e S-Video.

Uscita video SDI
Selezione manuale tra SD, HD e 12G-SDI.

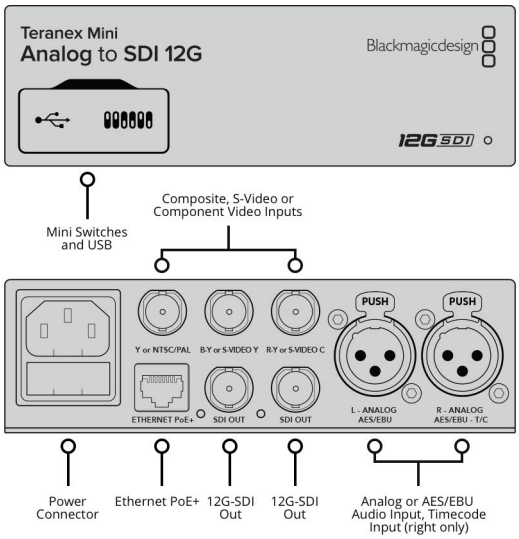
Ingresso audio analogico
2 canali di audio analogico bilanciato professionale tramite connettori XLR. La connessione XLR di destra può essere configurata per ingresso timecode.

Ingresso audio AES/EBU
4 canali di audio digitale bilanciato professionale a 110Ω tramite connettori XLR. La connessione XLR di destra può essere configurata per ingresso timecode.

Compatibilità con diversi tipi di frequenza
Uscita SDI commutabile tra HD per video composito e S-Video, e Ultra HD per video a componenti HD.

Aggiornamenti e configurazione
Tramite USB o Ethernet.

Reclocking
Sì



Standard

Conformità alla norma SDI
SMPTE 292M, SMPTE 259M, SMPTE 296M, SMPTE 424M-B, SMPTE 2081-1, SMPTE 2081-10, SMPTE 2082-1, SMPTE 2082-10, ITU-R BT.656 e ITU-R BT.601

Frequenze video SDI
Tutte le connessioni SDI sono commutabili tra video di definizione standard e ad alta definizione.

Campionamento video SDI
4:2:2 e 4:4:4.

Campionamento audio SDI
Frequenza di campionamento di standard televisivo di 48kHz e 24 bit.

Precisione Colore SDI
YUV 4:2:2 e RGB 4:4:4 in HD, 2K e 4K.

Spazio colore SDI
REC 601, REC 709.

Formati SDI compatibili
525i23.98, 29.97, 625i25 PAL
720p50, 59.94, 60
2160p25, 29.97, 50, 59.94
1080i50, 59.94, 60

Formati analogici compatibili
525i23.98, 29.97 NTSC, 625i25 PAL
720p50, 59.94, 60
1080i50, 59.94, 60

Spazio colore analogico
REC 601, REC 709

Precisione colore analogica
4:2:2

Software

Controllo software
Aggiornamento software per Mac OS X™ e Windows™ tramite USB e Ethernet.

Aggiornamento del software interno
Tramite applicazione di aggiornamento (inclusa).

Sistemi Operativi

Mac OS X 10.10 Yosemite, Mac OS X 10.11 El Capitan o successivo.

Windows 8.1 o Windows 10.

Controllo Impostazioni

Controllo impostazioni di base
Tramite mini interruttori, USB e Ethernet e utilità di software gratuita.

Controllo tramite pannello frontale (opzionale)
Pannello Smart Panel con LCD a montatura frontale, manopola girevole e sei pulsanti per le impostazioni.

Requisiti di Alimentazione

Alimentazione
1 x fonte di alimentazione incorporata per AC e presa IEC C14. È necessario un cavo d'alimentazione IEC. Ingresso AC 90 - 240V.

Consumo energetico
16 W

Voltaggio operativo
90-240V AC

Power Over Ethernet
Può essere alimentato tramite 48V DC usando il cavo Ethernet (Power over Ethernet).

Specifiche Fisiche

640 g

Specifiche Ambientali

Temperatura operativa:
da 0° a 40° C (da 32° a 104° F)

Temperatura di archiviazione:
da -20° a 60° C (da -4° a 140° F)

Umidità relativa:
da 0% a 90% senza condensazione

Cos'è Incluso?

Teranex Mini - Analog to SDI 12G
Scheda SD con software e manuale

Garanzia

Garanzia limitata di tre anni fornita dal produttore.

Teranex Mini - Analog to SDI 12G

Technical Specifications

Description

Convert from analog video to 12G-SDI. Convert incoming analog video signals to SD, HD, 6G and 12G-SDI. Ideal for converting your analog devices such as Betacam SP, VHS, set top boxes, gaming consoles and HDV cameras to incredible quality SD/HD/Ultra HD SDI video up to 2160p60.

Price

$495

Connections

Analog Video Input
Component SD/HD, NTSC, PAL and S□Video.

Please click here for a summary of recommended cables to use with Blackmagic 12G-SDI products.

SDI Video Output
User selectable to SD, HD and 12G-SDI.

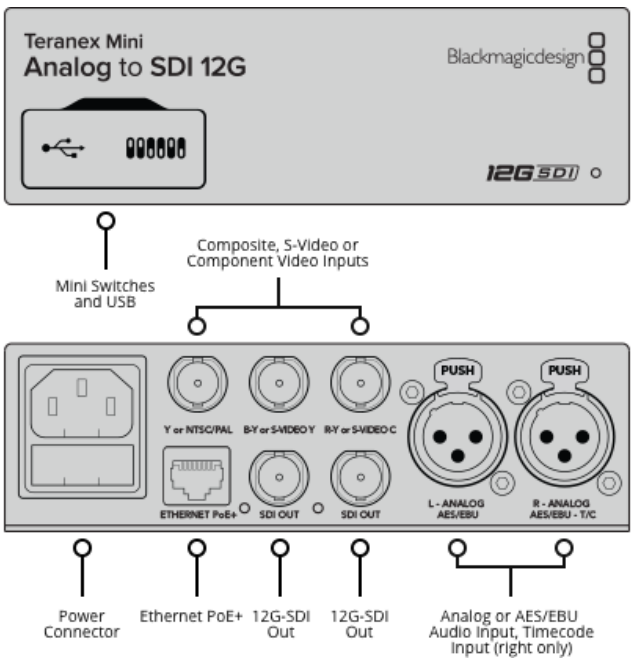
Analog Audio Input
2 channels professional balanced analog audio via XLR connectors. Right XLR can be configured for timecode input.

AES/EBU Audio Input
4 channels professional 110Ω balanced digital audio via XLR connectors. Right XLR can be configured for timecode input.

Multi Rate Support
SDI output switchable between HD for composite and S-Video and Ultra HD for component HD.

Updates and Configuration
USB or Ethernet.

Re-Clocking
Yes



Standards

SDI Compliance
SMPTE 292M, SMPTE 259M, SMPTE 296M, SMPTE 424M-B, SMPTE 2081-1, SMPTE 2081-10, SMPTE 2082-1, SMPTE 2082-10, ITU-R BT.656 and ITU-R BT.601

SDI Video Rates
SDI video connections are switchable between standard definition and high definition.

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
YUV 4:2:2 and RGB 4:4:4 in HD, 2K and 4K.

SDI Color Space
REC 601, REC 709

SDI Format Support
525i23.98, 29.97, 625i25 PAL
720p50, 720p59.94, 720p60
2160p25, 2160p29.97, 2160p50, 2160p59.94
1080i50, 1080i59.94, 1080i60

Analog Format Support
525i59.94 NTSC, 625i50 PAL
720p50, 720p59.94, 720p60
1080i50, 1080i59.94, 1080i60

Analog Color Space
REC 601, REC 709

Analog Color Precision
4:2:2

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

LB
1.41 lb

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

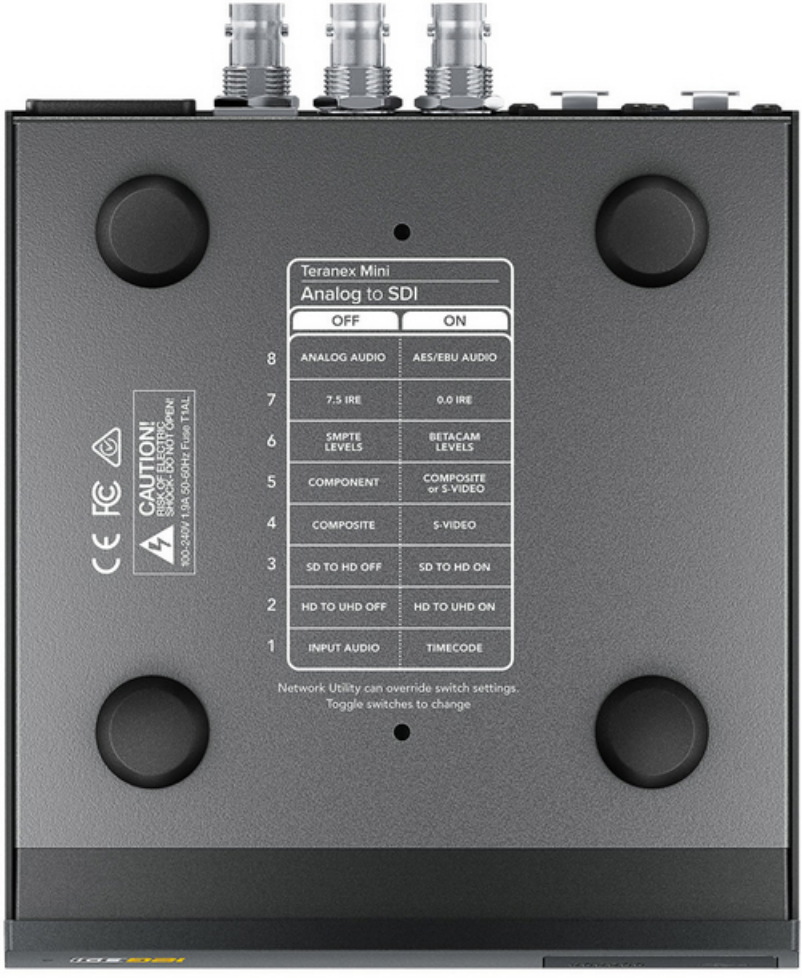
What's Included

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

Warranty

3 year Limited Manufacturer's Warranty.

Teranex Mini - Analog to SDI 12G



Teranex Mini
Analog to SDI 12G
Blackmagicdesign
12G SDI

Teranex Mini
Analog to SDI 12G
Blackmagicdesign
12G SDI

USE ONLY 250V FUSES
Y or NTSC/PAL
B-Y or S-VIDEO Y
R-Y or S-VIDEO C
PUSH
PUSH
Amphenol
Amphenol
ETHERNET
SDI OUT
SDI OUT
L - ANALOG
AES/EBU
R - ANALOG
AES/EBU - T/C

Cod. CONVNTRM/OB/AUOPT - PShow: 255556

Teranex Mini
Audio to Optical 12G

Incorpora fino a 2 canali di audio analogico, o fino a 4 canali di audio digitale AES/EBU in qualsiasi connessione video SDI in SD, HD, Ultra HD e DCI 4K. Rileva l'audio proveniente da dispositivi quali mixer e deck analogici, e lo integra nelle connessioni per fibra ottica 12G a lunga distanza.

Connessioni

Connessione per fibra ottica
Connettore LC, lunghezza d'onda di 1310 nanometri, monomodale.

Uscita video per fibra ottica
1 x 12G-SDI SD/HD/2K/4K con commutazione automatica.

Ingresso video SDI
1 x 12G-SDI SD/HD/2K/4K con commutazione automatica.

Ingresso audio analogico
2 canali analogico bilanciato professionale tramite connettori XLR o 2 canali analogico non bilanciato di linea tramite connettori RCA. La connessione XLR di destra è configurabile per ingresso timecode.

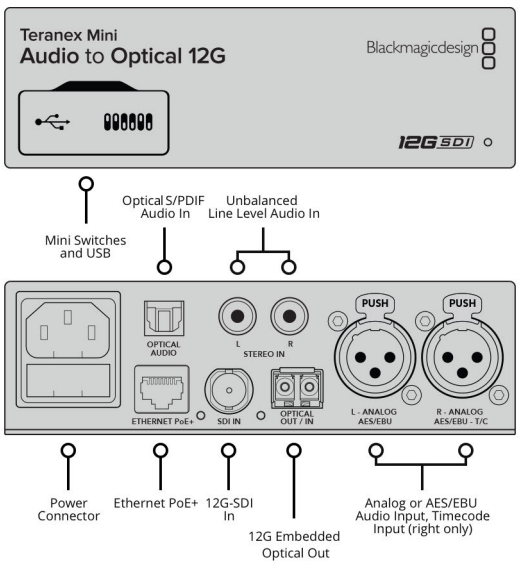
Ingresso audio AES/EBU
4 canali digitale bilanciato professionale 110Ω tramite connettori XLR. La connessione XLR di destra è configurabile per ingresso timecode.

Ingresso audio per fibra ottica
Segnale S/PDIF con connettore TOSLINK.

Compatibilità con diversi tipi di frequenza
Commutazione automatica tra SD/HD/2K/4K.

Aggiornamenti e configurazione
Tramite USB o Ethernet.

Reclocking
Sì



Standard

Formati SD compatibili
525i29.97 NTSC, 625i25 PAL

Formati HD compatibili
720p50, 59.94, 60
1080p23.98, 24, 25, 29.97, 30, 50, 59.94, 60
1080PsF23.98, 24, 25, 29.97, 30
1080i50, 59.94, 60

Formati 2K compatibili
2048 x 1080p23.98, 2048 x 1080p24, 2048 x 1080p25, 2048 x 1080PsF23.98, 2048 x 1080PsF24, 2048 x 1080PsF25

Formati 4K compatibili
3840 x 2160p23.98, 3840 x 2160p24, 3840 x 2160p25, 3840 x 2160p29.97, 3840 x 2160p30, 3840 x 2160p50, 3840 x 2160p59.94, 3840 x 2160p60, 4096 x 2160p23.98, 4096 x 2160p24, 4096 x 2160p25, 4096 x 2160p29.97, 4096 x 2160p30, 4096 x 2160p50, 4096 x 2160p59.94, 4096 x 2160p60.

Conformità alla norma SDI
SMPTE 292M, SMPTE 259M, SMPTE 296M, SMPTE 372M, SMPTE 424M-B, SMPTE 425M, SMPTE 297M per fibra ottica SDI.

Frequenze video SDI
Le connessioni SDI commutano automaticamente tra definizione standard SDI, alta definizione livello B 3G-SDI, 6G-SDI, e 12G-SDI.

Campionamento video SDI
4:2:2 e 4:4:4.

Campionamento audio SDI
Frequenza di campionamento di standard televisivo di 48kHz e 24 bit.

Precisione Colore SDI
YUV 4:2:2 e RGB 4:4:4 in HD, 2K e 4K.

Spazio colore SDI
REC 601, REC 709

Software

Controllo software
Aggiornamento per Mac OS X™ e Windows™ tramite USB o Ethernet.

Aggiornamento del software interno
Tramite applicazione di aggiornamento (inclusa).

Sistemi Operativi

Mac OS X 10.10 Yosemite, Mac OS X 10.11 El Capitan o successivo.

Windows 8.1 o Windows 10.

Controllo Impostazioni

Impostazioni principali
Mini interruttori, USB o Ethernet tramite utilità di software gratuita.

Pannello frontale opzionale
Pannello Smart Panel con LCD, manopola e sei pulsanti per le impostazioni.

Requisiti di Alimentazione

Alimentazione
1 x fonte di alimentazione incorporata AC con presa IEC C14. È necessario un cavo di alimentazione IEC. Ingresso 90-240V AC.

Power Over Ethernet
Ingresso 48V DC tramite PoE+.

Consumo energetico
16 W

Voltaggio operativo
90-240V AC

Specifiche Fisiche

600 g

Specifiche Ambientali

Temperatura operativa:
da 0° a 40° C

Temperatura di archiviazione:
da -20° a 60° C

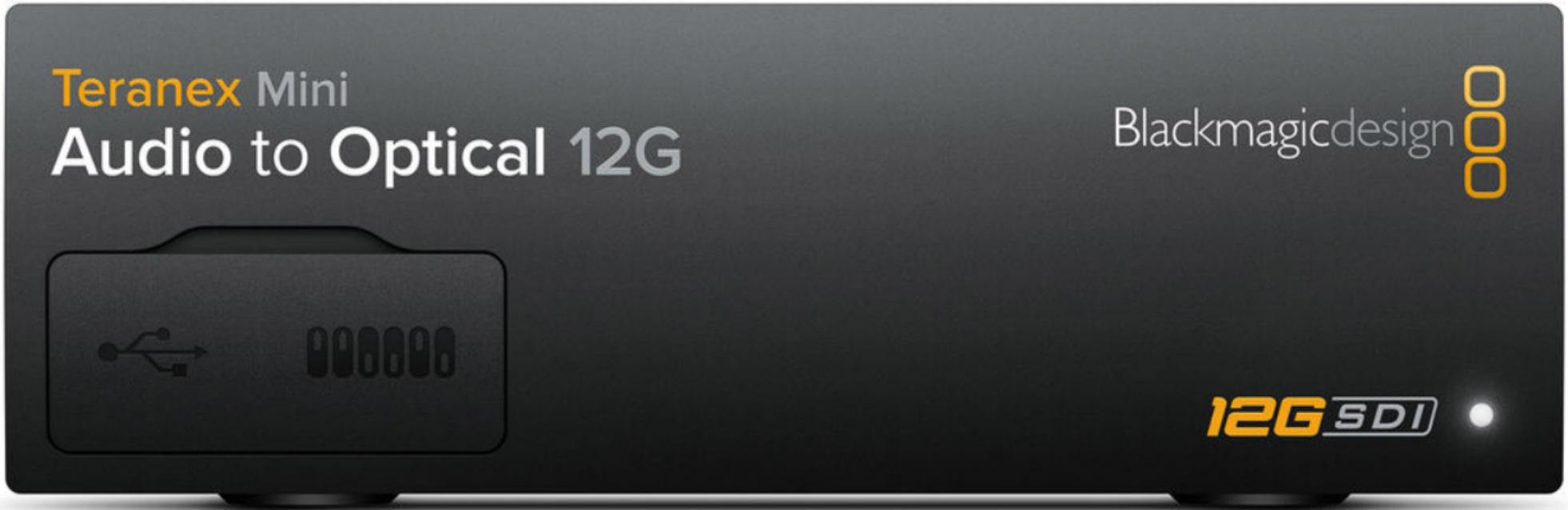
Umidità relativa:
da 0% a 90% senza condensazione

Cos'è Incluso?

Teranex Mini - Audio to Optical 12G
Scheda SD con software e manuale

Garanzia

Garanzia limitata di tre anni fornita dal produttore.


Teranex Mini
Audio to Optical 12G
Blackmagicdesign
12G SDI

Teranex Mini
Audio to Optical 12G
Blackmagicdesign
12G SDI

OPTICAL AUDIO
L
R
STEREO IN
PUSH
PUSH
ETHERNET PoE+
SDI OUT
OPTICAL OUT / IN
L - ANALOG AES/EBU
R - ANALOG AES/EBU - T/C

Cod. CONVNTRM/CB/AUSDI - PShow: 255550

Teranex Mini Audio to SDI 12G

Incorpora fino a 2 canali di audio da analogico bilanciato, per fibra ottica o HiFi RCA, oppure incorpora fino a 4 canali di audio digitale AES/EBU in qualsiasi connessione video in SD, HD, Ultra HD e DCI 4K SDI. Incorpora audio da dispositivi quali mixer, iPod e deck in analogico nelle connessioni video SDI per utilizzarlo con router e deck SDI.

Connessioni

Ingresso video SDI
1 x 12G-SDI SD/HD/2K/4K a commutazione automatica.

Uscita video SDI
1 x uscita 12G-SDI.

Ingresso audio per fibra ottica
Segnale S/PDIF con connettore TOSLINK.

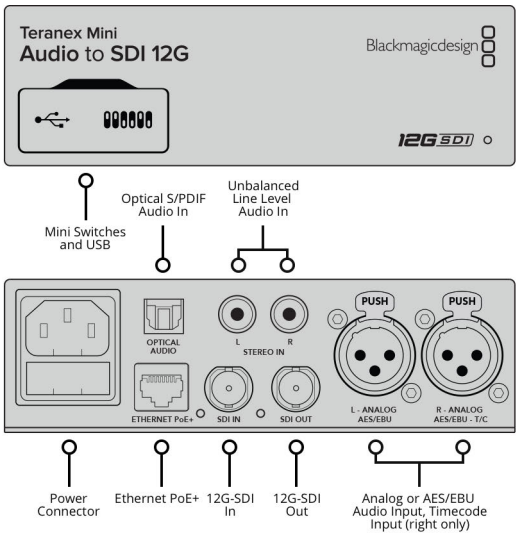
Ingresso audio analogico
2 canali di audio analogico bilanciato professionale tramite connettori XLR o 2 canali di audio non bilanciato analogico di livello linea tramite connettori RCA. XLR può essere configurato per ingresso Timecode.

Ingresso audio AES/EBU
4 canali di audio analogico bilanciato professionale a 110Ω tramite connettori XLR.

Compatibilità con diversi tipi di frequenza
Rilevamento automatico di ingressi 4K, UHD, 2K, HD o SD-SDI.

Aggiornamenti e configurazione
Tramite USB o Ethernet.

Reclocking
Sì



Standard

Formati SD compatibili
525i23.98, 29.97 NTSC, 625i25 PAL

Formati HD compatibili
720p50, 59.94, 60
1080p23.98, 24, 25, 29.97, 30, 50, 59.94, 60
1080PsF23.98,24, 25, 30
1080i50, 59.94, 60

Formati 2K compatibili
1080PsF23.98, 24, 25 1080p23.98, 24, 25

Formati Ultra HD compatibili
1080p23.98, 24, 25, 29.97, 30, 50, 59.94, 60

Formati 4K compatibili
1080p23.98, 24, 25, 29.97, 30

Conformità alla norma SDI
SMPTE 292M, SMPTE 259M, SMPTE 296M, SMPTE 372M, SMPTE 424M, SMPTE 425M, SMPTE 2081-1, SMPTE 2081-10, SMPTE 2082-1, SMPTE 2082-10, ITU-R BT.656 e ITU-R BT.601

Frequenze video SDI
Le connessioni SDI commutano automaticamente tra definizione standard SDI, alta definizione livello A e B 3G-SDI, 6G-SDI, e 12G-SDI.

Campionamento video SDI
4:2:2 e 4:4:4

Campionamento audio SDI
Frequenza di campionamento di standard televisivo di 48kHz e 24 bit.

Precisione Colore SDI
4:2:2 e 4:4:4

Spazio colore SDI
YUV, RGB

Software

Controllo software
Aggiornamento software per Mac OS X™ e Windows™ tramite USB e Ethernet.

Aggiornamento del software interno
Tramite applicazione di aggiornamento (inclusa)

Sistemi Operativi

Mac OS X 10.10 Yosemite, Mac OS X 10.11 El Capitan o successivo.

Windows 8.1 o Windows 10.

Controllo Impostazioni

Controllo impostazioni di base
Tramite mini interruttori, USB e Ethernet e utilità di software gratuita.

Controllo tramite pannello frontale (opzionale)
LCD di montatura frontale con manopola girevole e sei tasti per impostazioni.

Requisiti di Alimentazione

Alimentazione
1 x fonte di alimentazione incorporata per CA e presa IEC C14. È necessario un cavo d'alimentazione IEC. Ingresso CA 90 - 240V.

Power over Ethernet
Può essere alimentato tramite 48 volt CC usando il cavo Ethernet (Power over Ethernet)

Consumo energetico
16 W

Voltaggio operativo
90-240V CA

Specifiche Fisiche

600 g

Specifiche Ambientali

Temperatura operativa:
da 0° a 40° C (da 32° a 104° F)

Temperatura di archiviazione:
da -20° a 60° C (da -4° a 140° F)

Umidità relativa
da 0% a 90% senza condensazione

Cos'è Incluso?

Teranex Mini - HDMI to SDI 12G
Scheda SD con software e manuale

Garanzia

Garanzia limitata di tre anni fornita dal produttore.

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Rivenditore autorizzato di Blackmagic Design

Teranex Mini - Audio to SDI 12G

Technical Specifications

Description

Embed up to 2 channels of audio from balanced analog, optical or HiFi RCA, or embed up to or 4 channels of AES/EBU digital audio into any SD, HD, Ultra HD or DCI 4K SDI video connection. Take audio from devices such as audio mixers, iPods and analog decks and embed it into SDI video connections for use with SDI routers and decks.

Price

$495

Connections

SDI Video Input
1 x 12G-SDI SD/HD/2K/4K auto switching.
Please click here for a summary of recommended cables to use with Blackmagic 12G-SDI products.

SDI Video Output
1 x 12G-SDI output.

Analog Audio Input
2 channels professional balanced analog audio via XLR connectors, or 2 channel unbalanced analog line level via RCA connectors. Right XLR can be configured for timecode input.

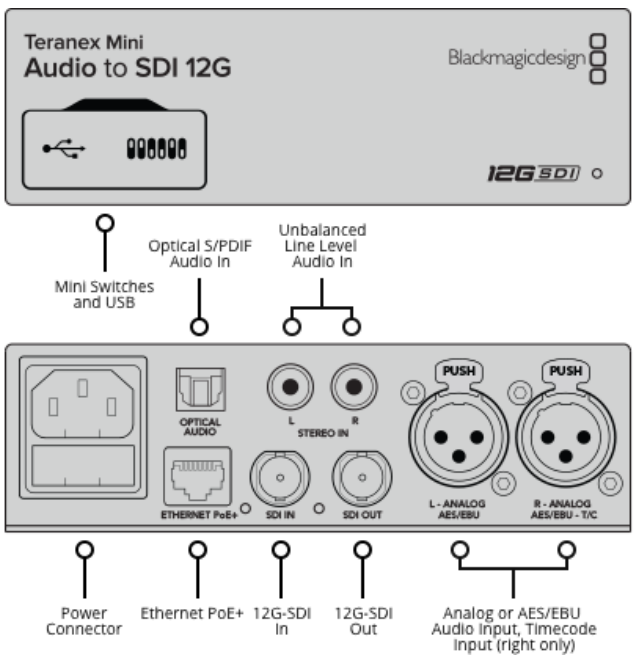
AES/EBU Audio Input
4 channels professional 110Ω balanced digital audio via XLR connectors. Right XLR can be configured for timecode input.

Optical Audio Input
S/PDIF Signal with TOSLINK Connector.

Multi Rate Support
Automatic switching between SD/HD/2K and 4K.

Updates and Configuration
USB or Ethernet.

Re-Clocking
Yes



Standards

SD Format Support
525i59.94 NTSC, 625i50 PAL

HD Format Support
720p50, 720p59.94, 720p60
1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p50, 1080p59.94, 1080p60
1080PsF23.98, 1080PsF24, 1080PsF25, 1080PsF30
1080i50, 1080i59.94, 1080i60

2K Format Support
1080p23.98, 1080p24, 1080p25
1080PsF23.98, 1080PsF24, 1080PsF25

Ultra HD Format Support
2160p23.98, 2160p24, 2160p25, 2160p29.97, 2160p30, 2160p50, 2160p59.94, 2160p60

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

SDI Compliance
SMPTE 292M, SMPTE 259M, SMPTE 296M, SMPTE 372M, SMPTE 424M-A, SMPTE 424M-B, SMPTE 425M, SMPTE 2081-1, SMPTE 2081-10, SMPTE 2082-1, SMPTE 2082-10, ITU-R BT.656 and ITU-R BT.601

SDI Video Rates
SDI video connections are auto switching between standard definition SDI, high definition level A and level B 3G-SDI, 6G-SDI, and 12G-SDI.

SDI Video Sampling
4:2:2, 4:4:4

SDI Audio Sampling
Television standard sample rate of 48kHz and 24-bit.

SDI Color Space
REC 601, REC 709

SDI Auto Switching
Automatically selects between SD, HD, 3G, 6G and 12G-SDI.

SDI Color Precision
YUV 4:2:2 and RGB 4:4:4 in HD, 2K and 4K.

SDI Color Space
REC 601, REC 709

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

LB
1.32 lb

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

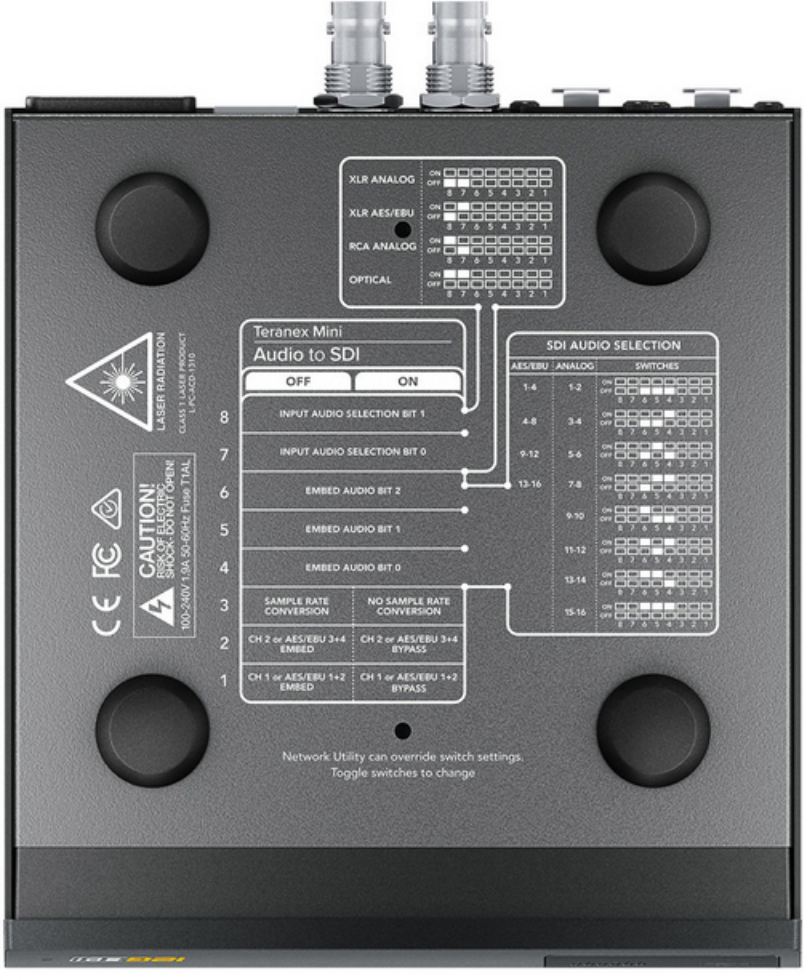
What's Included

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

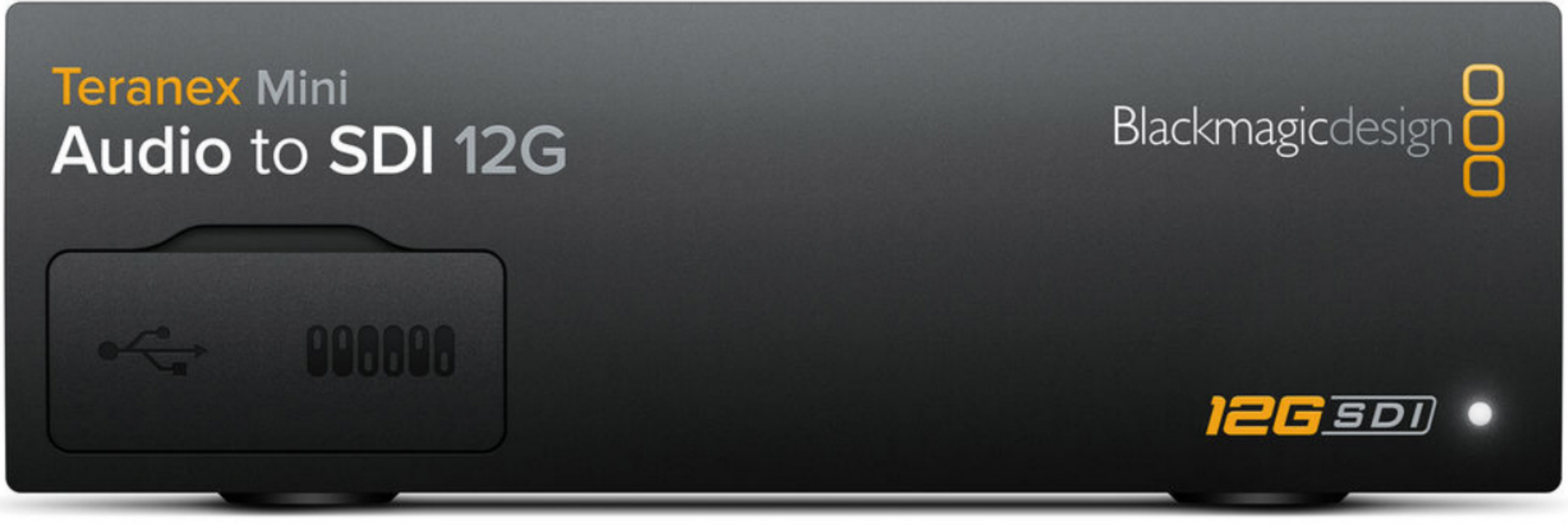
Warranty

3 year Limited Manufacturer's Warranty.

Teranex Mini - Audio to SDI 12G



Teranex Mini
Audio to SDI 12G
Blackmagicdesign
12G SDI


Teranex Mini
Audio to SDI 12G
Blackmagicdesign
12G SDI

USE ONLY 250V FUSES
OPTICAL
AUDIO
L
R
STEREO IN
PUSH
PUSH
Amphenol
Amphenol
ETHERNET
SDI IN
SDI OUT
L - ANALOG
AES/EBU
R - ANALOG
AES/EBU - T/C

Cod. CONVNTRM/MB/HOPT - PShow: 255552

Teranex Mini
HDMI to Optical 12G

Converte i segnali HDMI in fibra ottica 12G e 12G-SDI, ed è compatibile con tutti i formati video in SD, HD, 6G e 12G-SDI. Esegue conversioni di maggiore risoluzione da HD a Ultra HD. Incorpora l'audio dagli ingressi audio analogico bilanciato o AES/EBU e timecode. È ideale per convertire il materiale catturato con videocamere amatoriali HDMI in SDI, o per aggiungere uscite SDI ai computer dotati di connessioni HDMI.

Connessioni

HDMI
1 x connettore HDMI 2.0 tipo A compatibile con il 2160p60.

Connessione per fibra ottica
Connettore LC, lunghezza d'onda di 1310 nanometri, monomodale.

Uscita video per fibra ottica
Corrispondenza automatica all'ingresso video HDMI (SD, HD, 12G-SDI).

Uscita video SDI
Corrispondenza automatica all'ingresso video HDMI (SD, HD, 12G-SDI).

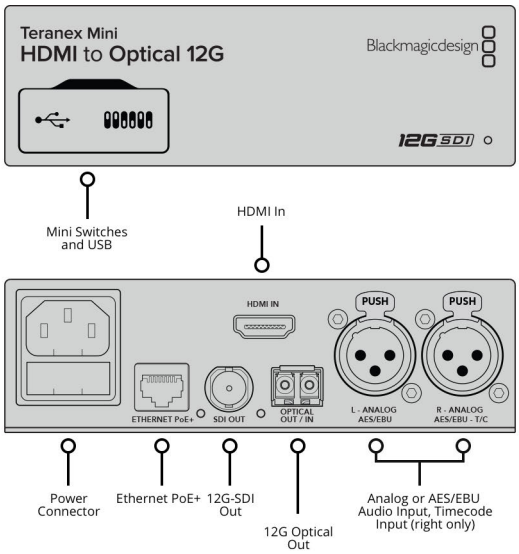
Ingresso audio analogico
2 canali analogico bilanciato professionale tramite connettori XLR. La connessione XLR di destra è configurabile per ingresso timecode.

Ingresso audio AES/EBU
4 canali digitale bilanciato professionale 110Ω tramite connettori XLR. La connessione XLR di destra è configurabile per ingresso timecode.

Compatibilità con diversi tipi di frequenza
Commutazione automatica tra SD/HD/2K/4K.

Aggiornamenti e configurazione
Tramite USB e Ethernet.

Reclocking
Sì



Uscite per fibra ottica

Formati SD compatibili
525i29.97 NTSC, 625i25 PAL

Formati HD compatibili
720p50, 59.94, 60
1080p23.98, 24, 25, 29.97, 30, 50, 59.94, 60
1080i50, 59.94, 60

Formati 2K compatibili
1080p23.98, 24, 25

Formati Ultra HD compatibili
2160p23.98, 24, 25, 29.97, 30, 50, 59.94, 60

Formati 4K compatibili
2160p23.98, 24, 25, 29.97, 30

Conformità alla norma SDI
SMPTE 292M, SMPTE 259M, SMPTE 296M, SMPTE 372M, SMPTE 424M, SMPTE 425M, SMPTE 297M per fibra ottica SDI, SMPTE 2081-1, SMPTE 2081-10, SMPTE 2082-1, SMPTE 2082-10

Frequenze video SDI
Le connessioni SDI commutano automaticamente tra definizione standard SDI, alta definizione livello A e B 3G-SDI, 6G-SDI, e 12G-SDI.

Campionamento video SDI
4:2:2 e 4:4:4.

Campionamento audio SDI
Frequenza di campionamento di standard televisivo di 48kHz e 24bit.

Precisione colore SDI
YUV 4:2:2 e RGB 4:4:4 in HD, 2K e 4K.

Spazio colore SDI
REC 601, REC 709

Ingressi HDMI

Formati SD compatibili
525i29.97 NTSC, 625i25 PAL

Formati HD compatibili
720p50, 59.94, 60
1080i50, 59.94, 60
1080p23.98, 24, 25, 29.97, 30, 50, 59.94, 60

Formati Ultra HD compatibili
2160p23.98, 24, 25, 29.97, 30, 50, 59.94, 60

Formati 4K compatibili
2160p23.98, 24, 25, 29.97, 30

Spazio colore HDMI
REC 601, REC 709

Precisione Colore HDMI
YUV 4:2:2 e RGB 4:4:4 in HD, 2K e 4K.

Protezione anticopia
L'ingresso HDMI non consente la cattura da fonti HDMI di copie protette. Accertarsi sempre del diritto di copyright prima di catturare e distribuire qualsiasi contenuto.

Software

Controllo software
Aggiornamento per Mac OS X™ e Windows™ tramite USB o Ethernet.

Aggiornamento del software interno
Tramite applicazione di aggiornamento (inclusa).

Sistemi Operativi

Mac OS X 10.10 Yosemite, Mac OS X 10.11 El Capitan o successivo.

Windows 8.1 o Windows 10.

Controllo Impostazioni

Impostazioni principali
Mini interruttori, USB o Ethernet tramite utilità di software gratuita.

Pannello frontale opzionale
Pannello Smart Panel con LCD, manopola e sei pulsanti per le impostazioni.

Requisiti di Alimentazione

Alimentazione
1 x fonte di alimentazione incorporata AC con presa IEC C14. È necessario un cavo di alimentazione IEC. Ingresso 90-240V AC.

Power over Ethernet
Ingresso 48V DC tramite PoE+.

Consumo energetico
16 W

Voltaggio
90-240V AC

Specifiche Fisiche

KG
580 g

Specifiche Ambientali

Temperatura operativa:
da 0° a 40° C

Temperatura di archiviazione:
da -20° a 60° C

Umidità relativa:
da 0% a 90% senza condensazione

Cos'è Incluso?

Teranex Mini - HDMI to Optical 12G

Scheda SD con software e manuale

Garanzia

Garanzia limitata di tre anni fornita dal produttore.

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Teranex Mini - HDMI to Optical 12G

Technical Specifications

Description

Now you can convert from HDMI to SDI and SMPTE optical fiber! Simply insert the SMPTE optical fiber module of your choice to send video and embedded audio over massive distances using 3G, 6G, or 12G-SDI optical fiber! You get professional 12G-SDI and XLR connections, an up converter for viewing SD and HD sources on Ultra HD displays plus ethernet for remote admin control. Optical fiber SFP module sold separately so you can purchase the SMPTE compatible 3G-SDI, 6G-SDI or 12G-SDI SFP to suit your workflow. You can even add an optional Smart Panel to add LCD monitoring and push button controls to your Teranex Mini!

Price

$495

Connections

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

Please click here for a summary of recommended cables to use with Blackmagic 12G-SDI products.

Optical Fiber Connection (optional)
Optional 3G, 6G or 12G-SDI single mode 1310 nm SFP module with LC connector.

Optical Fiber Video Output
Automatically matches the SD, HD and 12G-SDI HDMI video input.

SDI Video Output
Automatically matches the SD, HD and 12G-SDI HDMI video input.

Analog Audio Input
2 channels professional balanced analog audio via XLR connectors. Right XLR can be configured for timecode input.

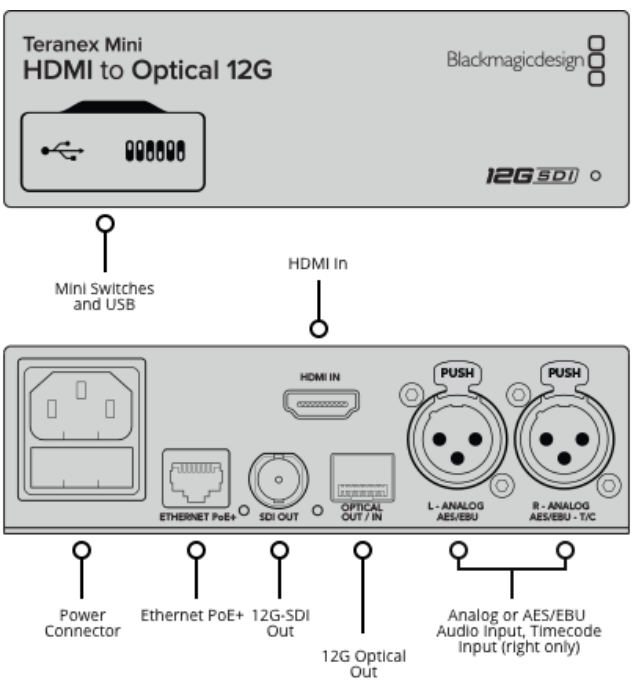
AES/EBU Audio Input
4 channels professional 110Ω balanced digital audio via XLR connectors. Right XLR can be configured for Timecode input.

Embedded Audio Support
16 channels.

Multi Rate Support
Automatic switching between SD/HD/2K and 4K.

Updates and Configuration
USB and Ethernet.

Re-Clocking
Yes



Optical Output Formats

SD Format Support
525i59.94 NTSC, 625i50 PAL

HD Format Support
720p50, 720p59.94, 720p60
1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p50, 1080p59.94, 1080p60
1080i50, 1080i59.94, 1080i60

2K Format Support
2K DCI 23.98p, 2K DCI 24p, 2K DCI 25p

Ultra HD Format Support
2160p23.98, 2160p24, 2160p25, 2160p29.97, 2160p30, 2160p50, 2160p59.94, 2160p60

4K Format Support
4K DCI 23.98p, 4K DCI 24p, 4K DCI 25p, 4K DCI 29.97p, 4K DCI 30p

SDI Compliance
SMPTE 292M, SMPTE 259M, SMPTE 296M, SMPTE 372M, SMPTE 424M, SMPTE 425M, SMPTE 297M for Optical Fiber SDI, 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 Precision
YUV 4:2:2 and RGB 4:4:4 in HD, 2K and 4K.

SDI Color Space
REC 601, REC 709

HDMI Input Formats

SD Format Support
525i59.94 NTSC, 625i50 PAL

HD Format Support
720p50, 720p59.94, 720p60
1080i50, 1080i59.94, 1080i60
1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p50, 1080p59.94, 1080p60

Ultra HD Format Support
2160p23.98, 2160p24, 2160p25, 2160p29.97, 2160p30, 2160p50, 2160p59.94, 2160p60

4K Format Support
4K DCI 23.98p, 4K DCI 24p, 4K DCI 25p, 4K DCI 29.97p, 4K DCI 30p

HDMI Color Space
REC 601, REC 709

HDMI Color Precision
YUV 4:2:2 and RGB 4:4:4 in HD, 2K and 4K.

Copy Protection
HDMI input is unable to capture from copy protected HDMI sources. Always confirm copyright ownership before capture or distribution of content.

Software

Software Control
Mac OS X™ and Windows™ software upgrade via USB or 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

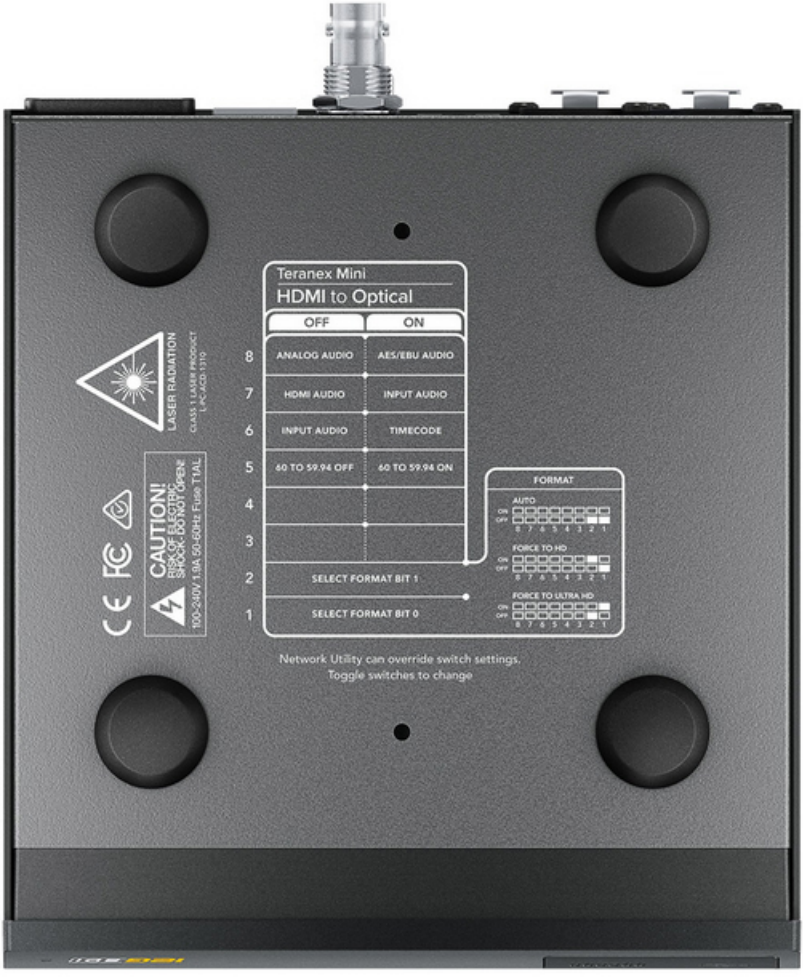
What's Included

Teranex Mini - HDMI to Optical 12G
SD card with software and manual

Warranty

3 year Limited Manufacturer's Warranty.

Teranex Mini - HDMI to Optical 12G



Teranex Mini
HDMI to Optical 12G
Blackmagicdesign
12G SDI

Teranex Mini
HDMI to Optical 12G
Blackmagicdesign
12G SDI

USE ONLY 250V FUSES
HDMI IN
PUSH
PUSH
Amphenol
Amphenol
ETHERNET
SDI OUT
OPTICAL
OUT / IN
L - ANALOG
AES/EBU
R - ANALOG
AES/EBU - T/C

Cod. CONVNTRM/AB/HSDI - PShow: 255546

Teranex Mini
HDMI to SDI 12G

Converte da HDMI a 12G-SDI. È compatibile con tutti i formati video incluse le frequenze di SD, HD, 6G e 12G-SDI. Esegue conversioni up per passare da HD a Ultra HD. Incorpora l'audio dagli ingressi di audio analogico bilanciato, AES/EBU, e timecode. Scopri la soluzione perfetta per convertire i segnali delle videocamere amatoriali HDMI in SDI, oppure aggiungere uscite SDI ai computer con connessioni HDMI.

Connessioni

Uscita video SDI
Corrispondenza automatica di ingressi HDMI in SD, HD e 12G-SDI.

Ingresso audio XLR
2 canali di audio analogico bilanciato professionale tramite connettori XLR. La connessione XLR di destra può essere configurata per ingresso timecode.

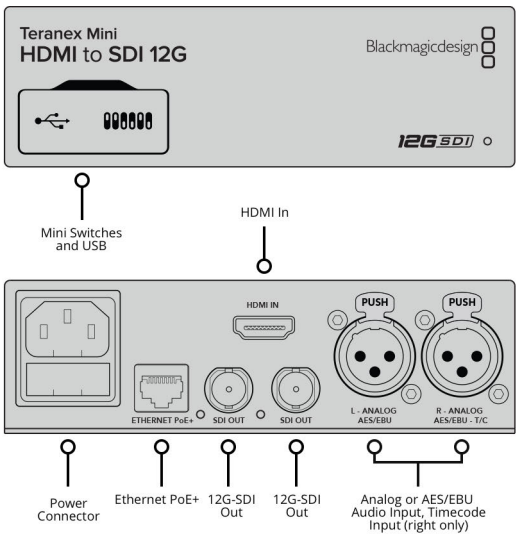
Ingresso audio AES/EBU
4 canali di audio digitale bilanciato professionale a 110Ω tramite connettori XLR. La connessione XLR di destra può essere configurata per ingresso Timecode.

HDMI 2.0
1 x connettore HDMI tipo A compatibile con 2160p60.

Compatibilità con diversi tipi di frequenza
Commutazione automatica tra SD/HD/2K e 4K

Aggiornamenti e configurazione
Tramite USB o Ethernet.

Relocking
Sì



Uscite SDI

Formati SD compatibili
525i29.97 NTSC, 625i25 PAL

Formati HD compatibili
720p50, 59.94, 60
1080p23.98, 24, 25, 29.97, 30, 50, 59.94, 60
1080i50, 59.94,60

Formati Ultra HD compatibili
2160p23.98, 24, 25, 29.97, 30, 50, 59.94, 60

Formati 4K compatibili
2160p23.98, 24, 25, 29.97, 30

Conformità alla norma SDI
SMPTE 292M, SMPTE 259M, SMPTE 296M, SMPTE 372M, SMPTE 424M-B, SMPTE 425M, SMPTE 2081-1, SMPTE 2081-10, SMPTE 2082-1, SMPTE 2082-10, ITU-R BT.656 e ITU-R BT.601

Frequenze video SDI
Le connessioni SDI commutano automaticamente tra definizione standard SDI, alta definizione livello A e B 3G-SDI, 6G-SDI, e 12G-SDI.

Campionamento video SDI
4:2:2 e 4:4:4

Campionamento audio SDI
Frequenza di campionamento di standard televisivo di 48kHz e 24 bit.

Precisione Colore SDI
4:2:2 e 4:4:4

Spazio colore SDI
YUV

Ingressi HDMI

Formati SD compatibili
525i29.97 NTSC, 625i25 PAL

Formati HD compatibili
720p50, 59.94, 60
1080p23.98, 24, 25, 29.97, 30, 50, 59.94, 60
1080i50, 59.94, 60

Formati 2K compatibili
1080p23.98, 24, 25

Formati Ultra HD compatibili
2160p23.98, 24, 25, 29.97, 30, 50, 59.94, 60

Formati 4K compatibili
2160p23.98, 24, 25, 29.97, 30

Spazio colore HDMI
REC 601, REC 709

Precisione Colore HDMI
YUV 4:2:2 e RGB 4:4:4 in HD, 2K e 4K.

Protezione anticopia
L'ingresso HDMI non consente la cattura da fonti HDMI di copie protette. Accertarsi sempre del diritto di copyright prima di catturare e distribuire qualsiasi materiale.

Conversione Formati

Conversione in formati di maggiore e minore risoluzione a partire dall'HD

Software

Controllo software
Aggiornamento software per Mac OS X™ e Windows™ tramite USB e Ethernet.

Aggiornamento del software interno
Tramite applicazione di aggiornamento (inclusa)

Sistemi Operativi

Mac OS X 10.10 Yosemite, Mac OS X 10.11 El Capitan o successivo.

Windows 8.1 o Windows 10.

Controllo Impostazioni

Controllo impostazioni di base
Mini interruttori, USB ed Ethernet tramite utilità di software gratuita.

Controllo tramite pannello frontale (opzionale)
Pannello Smart Panel con LCD a montatura frontale, manopola girevole e sei pulsanti per le impostazioni.

Requisiti di Alimentazione

Alimentazione
1 x fonte di alimentazione incorporata per AC e presa IEC C14. È necessario un cavo di alimentazione IEC. Ingresso AC 90 - 240V

Power over Ethernet
Può essere alimentato tramite 48V DC usando il cavo Ethernet (Power over Ethernet).

Consumo energetico
16 W

Voltaggio operativo
90-240V AC

Specifiche Fisiche

580 g

Specifiche Ambientali

Temperatura operativa
da 0° a 40° C (da 32° a 104° F)

Temperatura di archiviazione
da -20° a 60° C (da -4° a 140° F)

Umidità relativa
da 0% a 90% senza condensazione

Cos'è Incluso?

Teranex Mini - HDMI to SDI 12G
Scheda SD con software e manuale

Garanzia

Garanzia limitata di tre anni fornita dal produttore.

Teranex Mini - HDMI to SDI 12G

Technical Specifications

Description

Convert from HDMI to 12G-SDI. Works with all video formats including SD, HD, 6G and 12G-SDI rates and includes an up converter for converting HD to Ultra HD. Embed audio from balanced analog or AES/EBU and timecode input. Ideal for converting HDMI consumer cameras to SDI, or adding SDI outputs to computers with HDMI connections.

Price

$495

Connections

SDI Video Output
Automatically matches the SD, HD and 12G-SDI HDMI video input.

Please click here for a summary of recommended cables to use with Blackmagic 12G-SDI products.

XLR Audio Input
2 channels professional balanced analog audio via XLR connectors. Right XLR can be configured for timecode input.

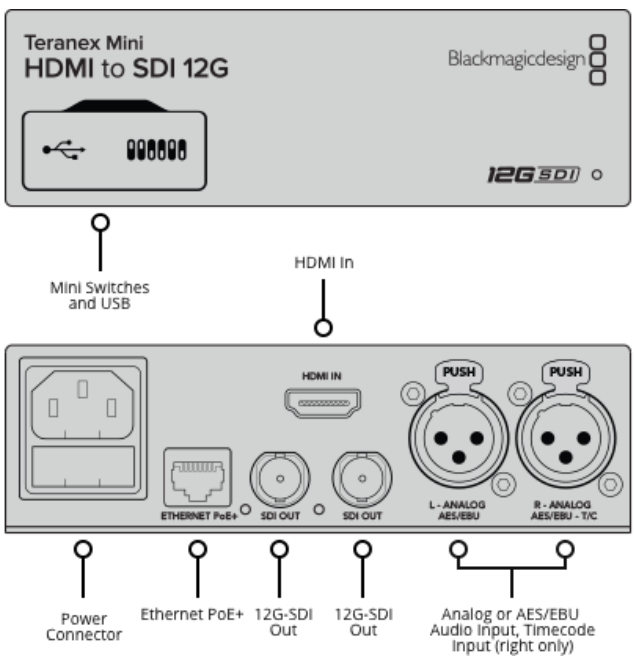
AES/EBU Audio Input
4 channels professional 110Ω balanced digital audio via XLR connectors. Right XLR can be configured for Timecode input.

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

Multi Rate Support
Automatic switching between SD/HD/2K and 4K.

Updates and Configuration
USB or Ethernet.

Re-Clocking
Yes



SDI Output Formats

SD Format Support
525i59.94 NTSC, 625i50 PAL

HD Format Support
720p50, 720p59.94, 720p60
1080p23.98, 1080p24, 25, 1080p29.97, 1080p30, 1080p50, 1080p59.94, 1080p60
1080i50, 1080i59.94, 1080i60

Ultra HD Format Support
2160p23.98, 2160p24, 2160p25, 2160p29.97, 2160p30, 2160p50, 2160p59.94, 2160p60

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

SDI Compliance
SMPTE 292M, SMPTE 259M, SMPTE 296M, SMPTE 372M, SMPTE 424M-B, SMPTE 425M, SMPTE 2081-1, SMPTE 2081-10, SMPTE 2082-1, SMPTE 2082-10, ITU-R BT.656 and ITU-R BT.601

SDI Video Rates
SDI video connections are auto switching between standard definition SDI, 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

HDMI Input Formats

SD Format Support
525i59.94 NTSC, 625i50 PAL

HD Format Support
720p50, 720p59.94, 720p60
1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p50, 1080p59.94, 1080p60
1080i50, 1080i59.94, 1080i60

2K Format Support
1080p23.98, 1080p24, 1080p25

Ultra HD Format Support
2160p23.98, 2160p24, 2160p25, 2160p29.97, 2160p30, 2160p50, 2160p59.94, 2160p60

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

HDMI Color Space
REC 601, REC 709

HDMI Color Precision
YUV 4:2:2 and RGB 4:4:4 in HD, 2K and 4K.

Copy Protection
HDMI input is unable to capture from copy protected HDMI sources. Always confirm copyright ownership before capture or distribution of content.

Format Conversion

HD up and down conversion

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

LB
1.28 lb

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

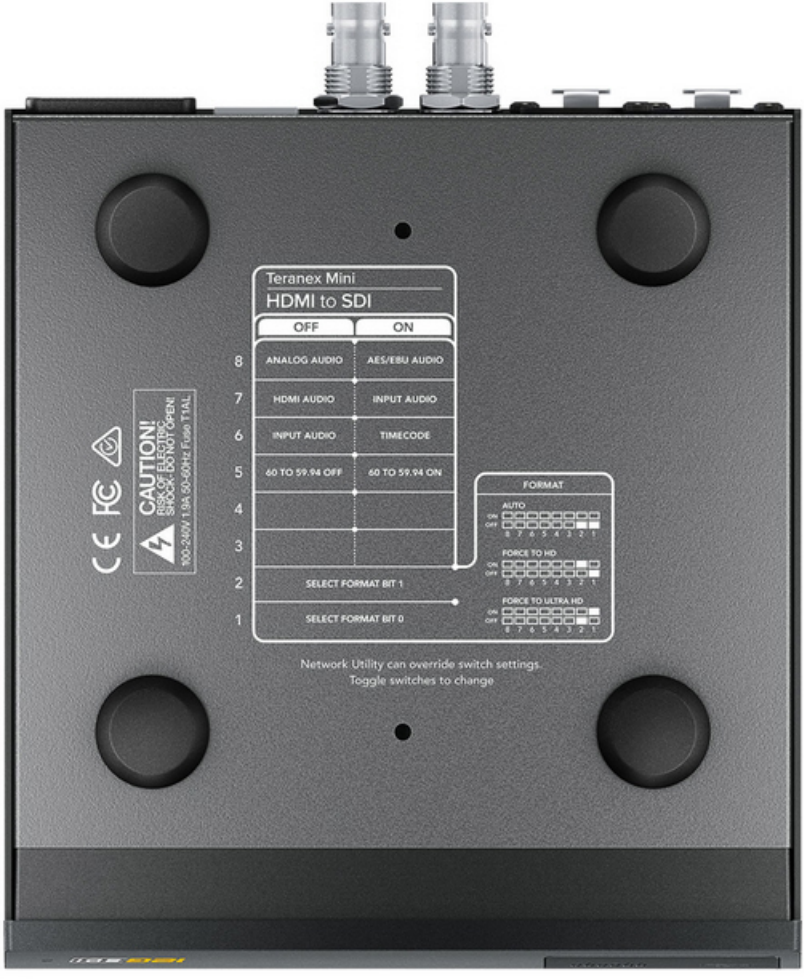
What's Included

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

Warranty

3 year Limited Manufacturer's Warranty.

Teranex Mini - HDMI to SDI 12G



Teranex Mini
HDMI to SDI 12G
Blackmagicdesign
12G SDI

USE ONLY 250V FUSES
HDMI IN
PUSH
PUSH
Amphenol
Amphenol
ETHERNET
SDI OUT
SDI OUT
L - ANALOG
AES/EBU
R - ANALOG
AES/EBU - T/C

Cod. CONVNTRM/NA/OPTAN - PShow: 255553

Teranex Mini
Optical to Analog 12G

Converte la fibra ottica 12G e 12G-SDI in segnali analogici. Rileva le frequenze in SD, HD, 6G e 12G-SDI e le converte in video analogico. Esegue conversioni di minore risoluzione consentendo di connettere fonti Ultra HD ai dispositivi video a componenti in SD o HD, ed è compatibile con qualsiasi dispositivo analogico tra cui Betacam SP, VHS e monitor video.

Connessioni

Connessione per fibra ottica
Connettore LC, lunghezza d'onda di 1310 nanometri, monomodale.

Ingresso video per fibra ottica
1 x 12G-SDI SD/HD/2K/4K con commutazione automatica.

Ingresso video SDI
1 x 12G-SDI SD/HD/2K/4K con commutazione automatica.

Loop video per fibra ottica
1 x loop 12G-SDI.

Uscita video analogico
A componenti SD/HD, NTSC, PAL e s-video.

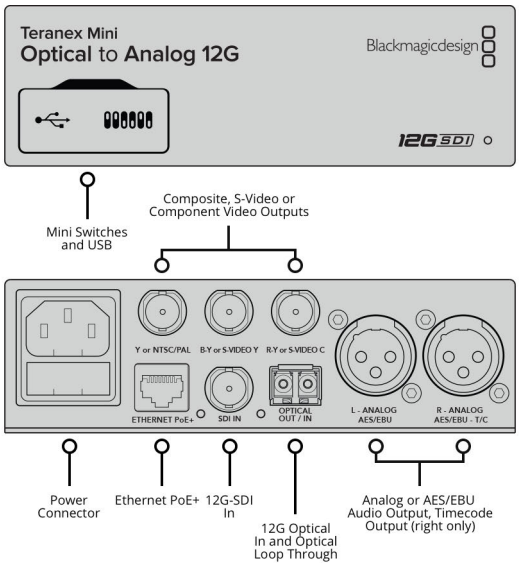
Uscita audio analogico
2 canali analogico bilanciato professionale tramite connettori XLR. La connessione XLR di destra è configurabile per uscita timecode.

Uscita audio AES/EBU
4 canali digitale bilanciato professionale 110Ω tramite connettori XLR. La connessione XLR di destra è configurabile per uscita timecode.

Compatibilità con diversi tipi di frequenza
Rilevamento automatico di SD, HD o 12G-SDI.

Aggiornamenti e configurazione
Tramite USB o Ethernet.

Reclocking
Sì



Standard

Formati SD compatibili
525i23.98, 29.97 NTSC, 625i25 PAL

Formati HD compatibili
720p50, 59.94, 60
1080p23.98, 24, 25, 29.97, 30, 50, 59.94, 60
1080PsF23.98, 24, 25, 29.97, 30
1080i50, 59.94, 60

Formati 2K compatibili
1080p23.98, 24, 25
1080PsF23.98, 24, 25

Formati Ultra HD compatibili
2160p23.98, 24, 25, 29.97, 30, 50, 59.94, 60

Formati 4K compatibili
2160p23.98, 24, 25, 29.97, 30

Conformità alla norma SDI
SMPTE 292M, SMPTE 259M, SMPTE 296M, SMPTE 372M, SMPTE 424M, SMPTE 425M, SMPTE 297M per fibra ottica SDI, SMPTE 2081-1, SMPTE 2081-10, SMPTE 2082-1, SMPTE 2082-10

Frequenze video SDI
Le connessioni SDI commutano automaticamente tra definizione standard SDI, alta definizione livello A e B 3G-SDI, 6G-SDI, e 12G-SDI.

Campionamento video SDI
4:2:2 e 4:4:4

Campionamento audio SDI
Frequenza di campionamento di standard televisivo di 48kHz e 24 bit.

Precisione colore SDI
YUV 4:2:2 e RGB 4:4:4 in HD, 2K e 4K.

Spazio colore SDI
REC 601, REC 709

Formati analogici compatibili
525i29.97 NTSC, 625i25 PAL
720p50, 59.94, 60
1080p23.98, 24, 25, 29.97, 30, 50, 59.94, 60
1080i50, 59.94, 60

Spazio colore analogico
REC 601, REC 709

Precisione colore analogico
4:2:2

Conversione Formati

Conversione di minore risoluzione in HD.

Software

Controllo software
Aggiornamento per Mac OS X™ e Windows™ tramite USB o Ethernet.

Aggiornamento del software interno
Tramite applicazione di aggiornamento (inclusa).

Sistemi Operativi

Mac OS X 10.10 Yosemite, Mac OS X 10.11 El Capitan o successivo.

Windows 8.1 o Windows 10.

Controllo Impostazioni

Impostazioni principali
Mini interruttori, USB o Ethernet tramite utilità di software gratuita.

Pannello frontale opzionale
Pannello Smart Panel con LCD, manopola e sei pulsanti per le impostazioni.

Requisiti di Alimentazione

Alimentazione
1 x fonte di alimentazione incorporata AC con presa IEC C14. È necessario un cavo di alimentazione IEC. Ingresso 90-240V AC.

Power over Ethernet
Ingresso 48V DC tramite PoE+.

Consumo energetico
16 W

Voltaggio operativo
90-240V AC

Specifiche Fisiche

KG
660 g

Specifiche Ambientali

Temperatura operativa:
da -20° a 60° C

Temperatura di archiviazione:
da -20° a 60° C

Umidità relativa:
da 0% a 90% senza condensazione

Cos'è Incluso?

Teranex Mini - Optical to Analog 12G

Scheda SD con software e manuale

Garanzia

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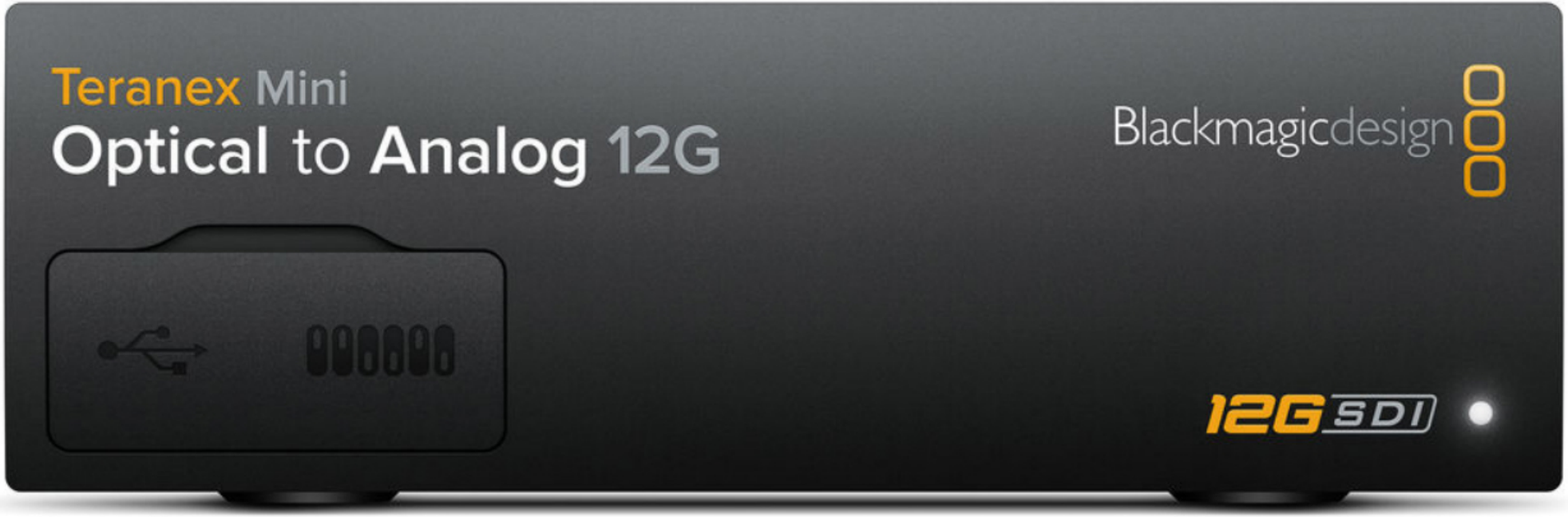
Teranex Mini
Optical to Analog 12G
Blackmagicdesign
12G SDI


Teranex Mini
Optical to Analog 12G
Blackmagicdesign
12G SDI

Y or NTSC/PAL
B-Y or S-VIDEO Y
R-Y or S-VIDEO C
ETHERNET PoE+
SDI IN
OPTICAL
OUT / IN
L - ANALOG
AES/EBU
R - ANALOG
AES/EBU - T/C

Cod. CONVNTRM/OA/OPTAU - PShow: 255555

Teranex Mini
Optical to Audio 12G

Separa fino a 2 canali di audio analogico, oppure 4 canali di audio digitale AES/EBU, in arrivo da qualsiasi connessione video SD, HD o Ultra HD 12G per fibra ottica e 12G-SDI. È ideale per convertire e indirizzare l'audio proveniente da qualsiasi connessione SDI verso un'ampia gamma di dispositivi tra cui mixer, deck broadcast analogici e monitor audio.

Connessioni

Connessione per fibra ottica
Connettore LC, lunghezza d'onda di 1310 nanometri, monomodale.

Ingresso video per fibra ottica
1 x 12G-SDI SD/HD/2K/4K con commutazione automatica.

Ingresso video SDI
1 x 12G-SDI SD/HD/2K/4K con commutazione automatica.

Loop video per fibra ottica
1 x loop 12G-SDI.

Uscita audio analogico
2 canali di audio analogico bilanciato professionale tramite connettori XLR, o 2 canali di audio analogico non bilanciato di linea tramite connettori RCA. La connessione XLR di destra è configurabile per uscita timecode.

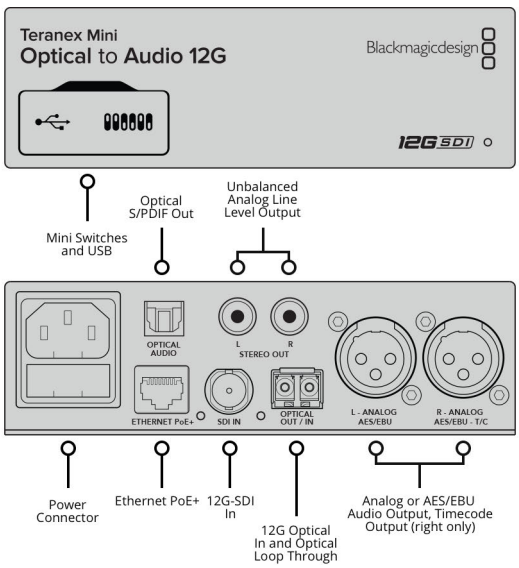
Uscita audio AES/EBU
4 canali digitale bilanciato professionale 110Ω tramite connettori XLR. La connessione XLR di destra è configurabile per uscita timecode.

Uscita audio per fibra ottica
Segnale S/PDIF con connettore TOSLINK.

Compatibilità con diversi tipi di frequenza
Commutazione automatica tra SD/HD/2K/4K.

Aggiornamenti e configurazione
Tramite USB e Ethernet.

Reclocking
Sì



Standard

Formati SD compatibili
525i23.98, 29.97 NTSC, 625i25 PAL

Formati HD compatibili
720p50, 59.94, 60
1080p23.98, 24, 25, 29.97, 30, 60
1080PsF23.98, 24, 25, 29.97, 30, 50, 59.94, 60
1080i50, 59.94, 60

Formati 2K compatibili
1080p23.98, 24, 25
1080PsF23.98, 24, 25

Formati Ultra HD compatibili
2160p23.98, 24, 25, 29.97, 30, 50, 59.94, 60

Formati 4K compatibili
2160p23.98, 24, 25, 29.97, 30

Conformità alla norma SDI
SMPTE 292M, SMPTE 259M, SMPTE 296M, SMPTE 372M, SMPTE 424M-B, SMPTE 425M, SMPTE 297M per fibra ottica SDI, SMPTE 2081-1, SMPTE 2081-10, SMPTE 2082-1, SMPTE 2082-10

Frequenze video SDI
Le connessioni SDI commutano automaticamente tra definizione standard SDI, alta definizione livello A e B 3G-SDI, 6G-SDI, e 12G-SDI.

Campionamento video SDI
4:2:2 e 4:4:4.

Campionamento audio SDI
Frequenza di campionamento di standard televisivo di 48kHz e 24 bit.

Precisione colore SDI
YUV 4:2:2 e RGB 4:4:4 in HD, 2K e 4K.

Spazio colore SDI
REC 601, REC 709

Software

Controllo software
Aggiornamento per Mac OS X™ e Windows™ tramite USB o Ethernet.

Aggiornamento del software interno
Tramite applicazione di aggiornamento (inclusa).

Sistemi Operativi

Mac OS X 10.10 Yosemite, Mac OS X 10.11 El Capitan o successivo.

Windows 8.1 o Windows 10.

Controllo Impostazioni

Impostazioni principali
Mini interruttori, USB o Ethernet tramite utilità di software gratuita.

Pannello frontale opzionale
Pannello Smart Panel con LCD, manopola e sei pulsanti per le impostazioni.

Requisiti di Alimentazione

Alimentazione
1 x fonte di alimentazione incorporata AC con presa IEC C14. È necessario un cavo di alimentazione IEC. Ingresso 90-240V AC.

Power Over Ethernet
Ingresso 48V DC tramite PoE+.

Consumo energetico
16 W

Voltaggio
90-240V AC

Specifiche Fisiche

605 g

Specifiche Ambientali

Temperatura operativa:
da 0° a 40° C

Temperatura di archiviazione:
da -20° a 60° C

Umidità relativa:
da 0% a 90% senza condensazione

Cos'è Incluso?

Teranex Mini - Optical to Audio 12G
Scheda SD con software e manuale

Garanzia

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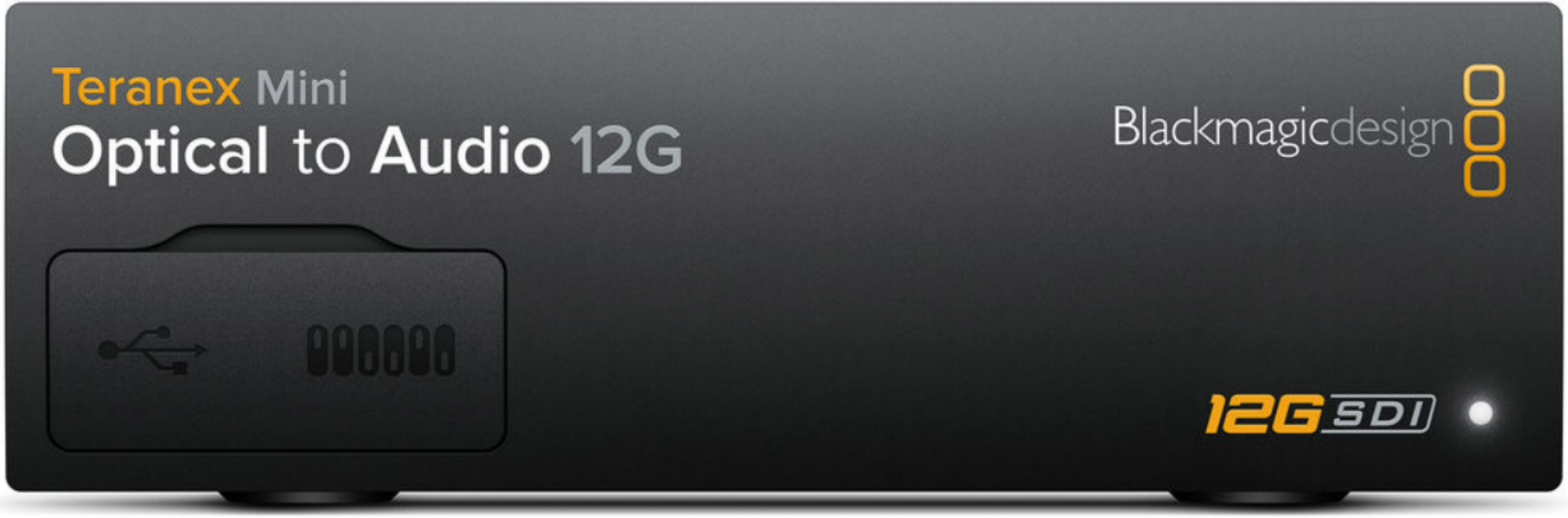
Teranex Mini
Optical to Audio 12G
Blackmagicdesign
12G SDI


Teranex Mini
Optical to Audio 12G
Blackmagicdesign
12G SDI

OPTICAL
AUDIO
L
R
STEREO OUT
ETHERNET
SDI IN
OPTICAL
OUT / IN
L - ANALOG
AES/EBU
R - ANALOG
AES/EBU - T/C

Cod. CONVNTRM/DA/QDSDI - PShow: 270638

Teranex Mini
Quad SDI to 12G-SDI

Converte i segnali quad link in 12G-SDI, rendendo l'attrezzatura quad link Ultra HD compatibile con i sistemi 12G-SDI Ultra HD di ultima generazione. Questo modello consente di connettere l'attrezzatura che sfrutta quattro cavi BNC ai router, agli switcher, e ai proiettori più recenti con un singolo cavo 12G-SDI. È compatibile con i sistemi 3G-SDI di livello A e B.

Connessioni

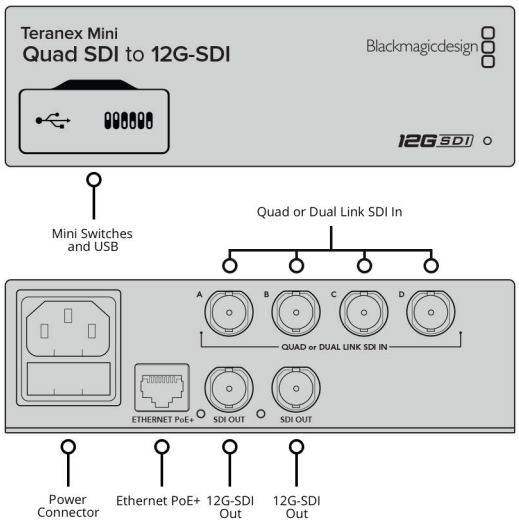
Ingresso video SDI
4 x 12G-SDI SD/HD/2K/4K con commutazione automatica.

Uscita video SDI
1 x 12G-SDI

Compatibilità con diversi tipi di frequenza
Commutazione automatica tra SD/HD/2K/4K.

Aggiornamenti e configurazione
Tramite USB o ethernet.

Re-Clocking
Sì



Standard

Formati SD compatibili
525i29.97 NTSC, 625i25 PAL

Formati HD compatibili
720p50, 59.94, 60
1080p23.98, 24, 25, 29.97, 30, 50, 59.94, 60
1080PsF23.98, 24, 25
1080i50, 59.94, 60

Formati 2K compatibili
1080p23.98, 24, 25
1080PsF23.98, 24, 25

Formati Ultra HD compatibili
2160p23.98, 2160p24, 2160p25, 2160p29.97, 2160p30, 2160p50, 2160p60.

Formati 4K compatibili
2160p23.98, 2160p24, 2160p25, 2160p29.97, 2160p30.

Conformità alla norma SDI
SMPTE 259M, SMPTE 292M, SMPTE 296M, SMPTE 372M, SMPTE 424M, SMPTE 425M, SMPTE 2081-1, SMPTE 2081-10, SMPTE 2082-1, SMPTE 2082-10

Frequenze video SDI
Le connessioni SDI commutano automaticamente tra definizione standard, alta definizione livello A e B 3G-SDI, 6G-SDI e 12G-SDI.

Campionamento video SDI
4:2:2 e 4:4:4

Campionamento audio SDI
Frequenza di campionamento di standard televisivo di 48kHz e 24 bit.

Spazio colore SDI
YUV e RGB

Software

Controllo software
Aggiornamento per Mac OS X™ e Windows™ tramite USB o ethernet.

Aggiornamento del software interno
Tramite applicazione di aggiornamento (inclusa).

Sistemi Operativi

Mac OS X 10.10 Yosemite, Mac OS X 10.11 El Capitan o successivo.

Windows 8.1 o Windows 10.

Controllo Impostazioni

Impostazioni principali
Mini interruttori, USB o ethernet tramite utilità di software gratuita.

Pannello frontale opzionale
Pannello Smart Panel con LCD, manopola e sei pulsanti per le impostazioni.

Requisiti di Alimentazione

Alimentazione
1 x fonte di alimentazione incorporata AC con presa IEC C14. È necessario un cavo di alimentazione IEC. Ingresso 90-240V AC.

Power Over Ethernet
Ingresso 48V DC tramite PoE+.

Consumo energetico
16 W

Voltaggio operativo
90-240V AC

Specifiche Fisiche

580 g

Specifiche Ambientali

Temperatura operativa:
da 0° a 40° C

Temperatura di archiviazione:
da -20° a 60° C

Umidità relativa:
da 0% a 90% senza condensazione

Cos'è Incluso?

Teranex Mini - Quad SDI to 12G-SDI
Scheda SD con software e manuale

Garanzia

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Rivenditore autorizzato di Blackmagic Design

Teranex Mini - Quad SDI to 12G-SDI

Technical Specifications

Description

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.

Price

$495

Connections

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

Please click here for a summary of recommended cables to use with Blackmagic 12G-SDI products.

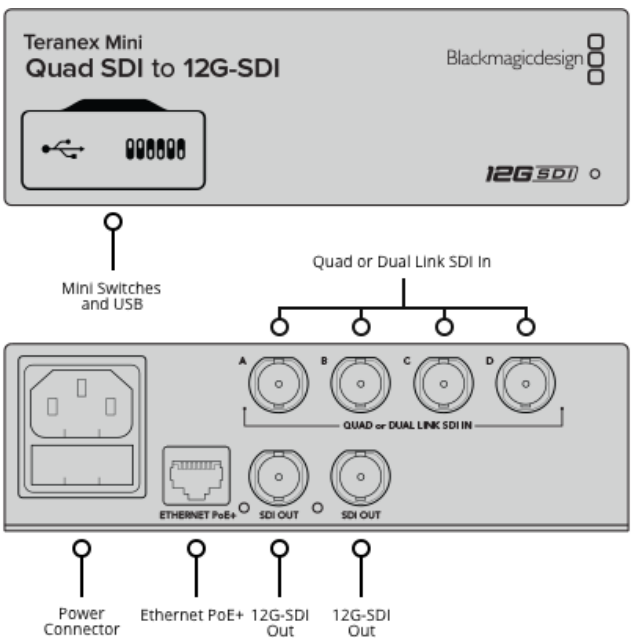
SDI Video Output
1 x 12G-SDI output

Multi Rate Support
Automatic switching between SD/HD/2K and 4K

Embedded Audio Support
16 channels.

Updates and Configuration
USB or Ethernet

Re-Clocking
Yes



Standards

SD Format Support
525i59.94 NTSC, 625i50 PAL

HD Format Support
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 Format Support
2K DCI 23.98, 2K DCI 24p, 2K DCI 25p
2K DCI 23.98PsF, 2K DCI 24PsF, 2K DCI 25PsF

Ultra HD Format Support
2160p23.98, 2160p24, 2160p25, 2160p29.97, 2160p30, 2160p50, 2160p59.94, 2160p60

4K Format Support
4K DCI 23.98p, 4K DCI 24p, 4K DCI 25p, 4K DCI 29.97p, 4K DCI 30p

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 definitionlevel 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

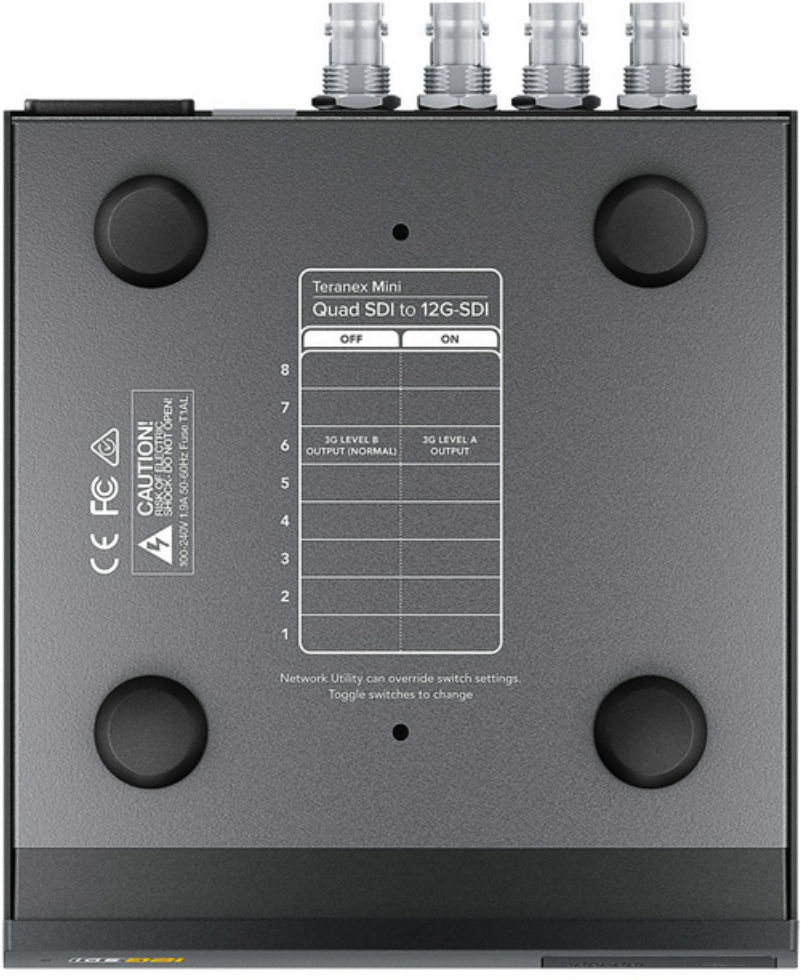
What's Included

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

Warranty

3 year Limited Manufacturer's Warranty.

Teranex Mini - Quad SDI to 12G-SDI



Teranex Mini
Quad SDI to 12G-SDI
Blackmagicdesign
12G SDI

Teranex Mini
Quad SDI to 12G-SDI
Blackmagicdesign
12G SDI

A
B
C
D
QUAD or DUAL LINK SDI IN
USE ONLY 250V FUSES
ETHERNET PoE+
SDI OUT
SDI OUT

Cod. CONVNTRM/EA/DA - PShow: 270640

Teranex Mini
SDI Distribution 12G

Questo modello distribuisce un singolo segnale SDI di entrata fino a otto uscite SDI. Vanta connessioni multifrequenza 12G-SDI con reclocking SDI, garantendo la commutazione automatica tra tutti i formati in SD, HD e Ultra HD fino a 2160p60. È perfetto per distribuire un singolo segnale SDI a più dispositivi tra cui monitor, switcher e codificatori.

Connessioni

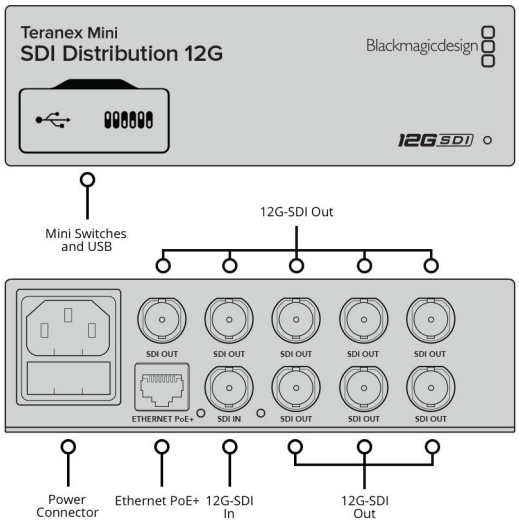
Ingresso video SDI
1 x 12G-SDI SD/HD/2K/4K con commutazione automatica.

Uscita video SDI
8 x 12G-SDI con rilevamento automatico della fonte SD/HD/2K/4K.

Compatibilità con diversi tipi di frequenza
Commutazione automatica tra SD/HD/2K/4K.

Aggiornamenti e configurazione
Tramite USB o ethernet.

Re-Clocking
Sì



Standard

Formati SD compatibili
525i29.97 NTSC, 625i25 PAL

Formati Ultra HD compatibili
2160p23.98, 24, 25, 29.97, 30, 50, 60

Formati HD compatibili
720p50, 59.94, 60
1080p23.98, 24, 25, 29.97, 30, 50, 59.94, 60
1080PsF23.98, 24
1080i50, 59.94, 60

Formati 2K compatibili
1080p23.98, 24, 25
1080PsF23.98, 24, 25

Formati 4K compatibili
2160p23.98, 24, 25, 29.97, 30

Conformità alla norma SDI
SMPTE 259M, SMPTE 292M, SMPTE 296M, SMPTE 372M, SMPTE 424M, SMPTE 425M, SMPTE 2081-1, SMPTE 2081-10, SMPTE 2082-1, SMPTE 2082-10

Frequenze video SDI
Le connessioni SDI commutano automaticamente tra definizione standard, alta definizione livello A e B 3G-SDI, 6G-SDI e 12G-SDI

Campionamento video SDI
4:2:2 e 4:4:4

Campionamento audio SDI
Frequenza di campionamento di standard televisivo di 48kHz e 24 bit.

Spazio colore SDI
YUV e RGB

Software

Controllo software
Aggiornamento per Mac OS X™ e Windows™ tramite USB o ethernet.

Aggiornamento del software interno
Tramite applicazione di aggiornamento (inclusa).

Sistemi Operativi

Mac OS X 10.10 Yosemite, Mac OS X 10.11 El Capitan o successivo.

Windows 8.1 o Windows 10.

Controllo Impostazioni

Impostazioni principali
Mini interruttori, USB o ethernet tramite utilità di software gratuita.

Pannello frontale opzionale
Pannello Smart Panel con LCD, manopola e sei pulsanti per le impostazioni.

Requisiti di Alimentazione

Alimentazione
1 x fonte di alimentazione incorporata AC con presa IEC C14. È necessario un cavo di alimentazione IEC. Ingresso 90-240V AC.

Power over Ethernet
Ingresso 48V DC tramite PoE+.

Consumo energetico
16 W

Voltaggio operativo
90-240V AC

Specifiche Fisiche

580 g

Specifiche Ambientali

Temperatura operativa:
da 0° a 40° C

Temperatura di archiviazione:
da -20° a 60° C

Umidità relativa:
da 0% a 90% senza condensazione

Cos'è Incluso?

Teranex Mini - SDI Distribution 12G
Scheda SD con software e manuale

Garanzia

Garanzia limitata di tre anni fornita dal produttore.

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Rivenditore autorizzato di Blackmagic Design

Teranex Mini - SDI Distribution 12G

Technical Specifications

Description

Distribute a single SDI video input to up to eight SDI outputs. Features the latest multi rate 12G-SDI connections with full SDI re-clocking allowing the converter to automatically switch between all SD, HD and Ultra HD formats up to 2160p60. Perfect for distributing a single SDI signal to multiple devices such as monitors, switchers and encoders.

Price

$495

Connections

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

Please click here for a summary of recommended cables to use with Blackmagic 12G-SDI products.

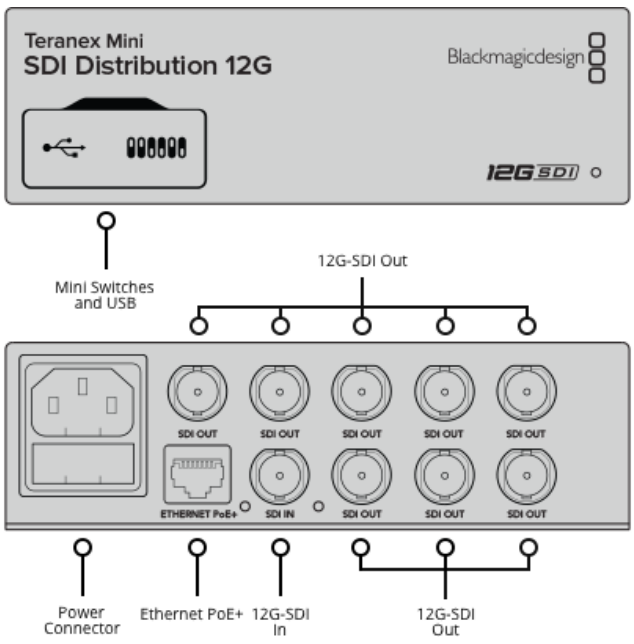
SDI Video Output
8 x 12G-SDI automatically matches the SD/HD/2K/4K 12G-SDI input

Multi Rate Support
Automatic switching between SD/HD/2K and 4K

Embedded Audio Support
16 channels.

Updates and Configuration
USB or Ethernet

Re-Clocking
Yes



Standards

SD Format Support
525i59.94 NTSC, 625i50 PAL

HD Format Support
720p50, 720p59.94, 720p60
1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p50, 1080p59.94, 1080p60
1080PsF23.98, 1080PsF24, 1080PsF25, 1080PsF29.97, 1080PsF30
1080i50, 1080i59.94, 1080i60

2K Format Support
2K DCI 23.98, 2K DCI 24p, 2K DCI 25p
2K DCI 23.98PsF, 2K DCI 24PsF, 2K DCI 25PsF

Ultra HD Format Support
2160p23.98, 2160p24, 2160p25, 2160p29.97, 2160p30, 2160p50, 2160p59.94, 2160p60

4K Format Support
4K DCI 23.98p, 4K DCI 24p, 4K DCI 25p, 4K DCI 29.97p, 4K DCI 30p

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

LB
1.28 lb

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 - SDI Distribution 12G
SD card with software and manual

Warranty

3 year Limited Manufacturer's Warranty.

Teranex Mini - SDI Distribution 12G

Teranex Mini
SDI Distribution 12G
Blackmagicdesign
12G SDI

Teranex Mini
SDI Distribution 12G
Blackmagicdesign
12G SDI

USE ONLY 250V FUSES
SDI OUT
SDI OUT
SDI OUT
SDI OUT
SDI OUT
ETHERNET PoE+
SDI IN
SDI OUT
SDI OUT
SDI OUT

Cod. CONVNTRM/BA/SDIAN - PShow: 255547

Teranex Mini
SDI to Analog 12G

Converte da 12G-SDI ad analogico. Rileva le frequenze in SD, HD, 6G e 12G-SDI e le converte in video analogico. Il convertitore down incorporato consente di connettere fonti Ultra HD a video a componenti in SD o HD. Connetti facilmente qualsiasi apparecchio analogico, come Betacam SP, VHS e monitor!

Connessioni

Ingresso video SDI
Commuta automaticamente tra SD, HD e 12G-SDI.

Uscita video SDI
Corrispondenza automatica di ingressi in SD, HD e 12G-SDI.

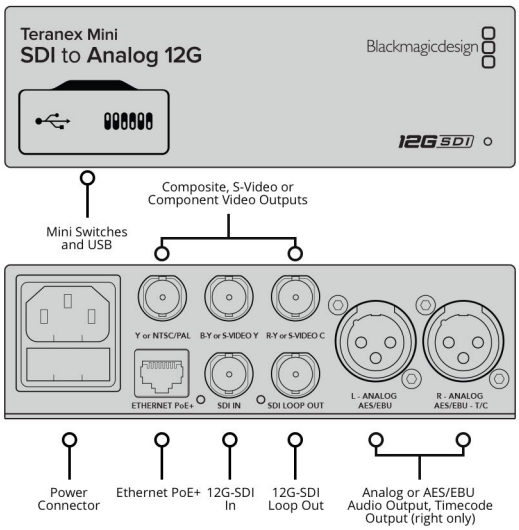
Uscita audio analogico
2 canali di audio analogico bilanciato professionale tramite connettori XLR. XLR può essere configurato per uscita Timecode.

Uscita audio AES/EBU
4 canali di audio analogico bilanciato professionale a 110Ω tramite connettori XLR.

Compatibilità con diversi tipi di frequenza
Rilevamento automatico di SD, HD o 12G-SDI.

Aggiornamenti e configurazione
Tramite USB o Ethernet.

Reclocking
Sì



Standard

Formati SD compatibili
525i29.97 NTSC, 625i25 PAL

Formati HD compatibili
720p50, 59.94, 60
1080p23.98, 24, 25, 29.97, 30, 50, 59.94, 60
1080PsF23.98, 24, 25, 30
1080i50, 59.94, 60

Formati 2K compatibili
1080p23.98, 24, 25
1080PsF23.98, 24, 25

Formati Ultra HD compatibili
2160p23.98, 24, 25, 29.97, 30, 50, 59.94, 60

Formati 4K compatibili
2160p23.98, 24, 25, 29.97, 30

Conformità alla norma SDI
SMPTE 292M, SMPTE 259M, SMPTE 296M, SMPTE 372M, SMPTE 424M, SMPTE 425M, SMPTE 2081-1, SMPTE 2081-10, SMPTE 2082-1, SMPTE 2082-10, ITU-R BT.656 e ITU-R BT.601

Frequenze video SDI
Le connessioni SDI commutano automaticamente tra definizione standard SDI, alta definizione livello A e B 3G-SDI, 6G-SDI, e 12G-SDI.

Campionamento video SDI
4:2:2

Campionamento audio SDI
Frequenza di campionamento di standard televisivo di 48kHz e 24 bit.

Precisione Colore SDI
4:2:2

Spazio colore SDI
YUV

Commutazione automatica SDI
Rilevamento automatico di SD, HD o 12G-SDI.

Formati analogici compatibili
525i29.97 NTSC, 625i25 PAL
720p50, 59.94, 60
1080p23.98, 24, 25, 29.97, 30, 50, 59.94, 60
1080i50, 59.94, 60

Formati analogici compatibili
YUV

Precisione colore analogica
4:2:2

Conversione Formati

Conversione in formati di minore risoluzione HD

Software

Controllo software
Controllo software

Aggiornamento del software interno
Tramite applicazione di aggiornamento (inclusa)

Sistemi Operativi

Mac OS X 10.10 Yosemite, Mac OS X 10.11 El Capitan o successivo.

Windows 8.1 o Windows 10.

Controllo Impostazioni

Controllo impostazioni di base
Tramite mini interruttori, USB e Ethernet e utilità di software gratuita.

Controllo tramite pannello frontale (opzionale)
LCD di montatura frontale con manopola girevole e sei tasti per impostazioni.

Requisiti di Alimentazione

Alimentazione
1 x fonte di alimentazione incorporata per CA e presa IEC C14. È necessario un cavo d'alimentazione IEC. Ingresso CA 90 - 240V.

Power over Ethernet
Può essere alimentato tramite 48 volt CC usando il cavo Ethernet (Power over Ethernet)

Consumo energetico
16 W

Voltaggio operativo
90-240V CA

Specifiche Fisiche

660 g

Specifiche Ambientali

Temperatura operativa:
da 0° a 40° C (da 32° a 104° F)

Temperatura di archiviazione:
da -20° a 60° C (da -4° a 140° F)

Umidità relativa:
da 0% a 90% senza condensazione

Cos'è Incluso?

Teranex Mini - SDI to Analog 12G
Scheda SD con software e manuale

Garanzia

Garanzia limitata di tre anni fornita dal produttore.

Teranex Mini - SDI to Analog 12G

Technical Specifications

Description

Convert from 12G-SDI to Analog. Use SD, HD, 6G and 12G-SDI rates and convert to analog video output. Built in down converter lets you connect Ultra HD sources to component video equipment in SD or HD. Allows you to connect analog equipment including Betacam SP, VHS, and video monitors.

Price

$495

Connections

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

Please click here for a summary of recommended cables to use with Blackmagic 12G-SDI products.

SDI Video Output
1 x 12G-SDI loop output.

Analog Audio Output
2 channels professional balanced analog audio via XLR connectors. Right XLR can be configured for timecode output.

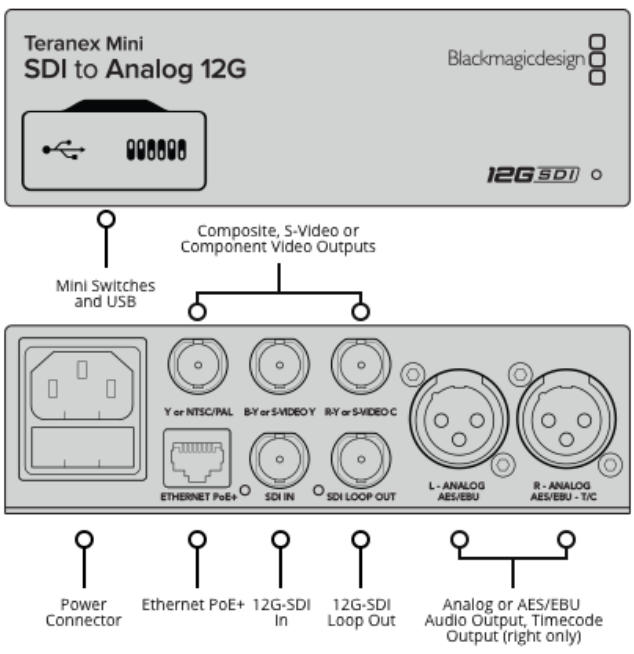
AES/EBU Audio Output
4 channels professional 110Ω balanced digital audio via XLR connectors. Right XLR can be configured for timecode output.

Embedded Audio Support
16 channels.

Multi Rate Support
Automatic switching between SD/HD/2K and 4K.

Updates and Configuration
USB or Ethernet.

Re-Clocking
Yes



Standards

SD Format Support
525i59.94 NTSC, 625i50 PAL

HD Format Support
720p50, 720p59.94, 720p60
1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p50, 1080p59.94, 1080p60
1080PsF23.98, 1080PsF24, 1080PsF25, 1080PsF29.97, 1080PsF30
1080i50, 1080i59.94, 1080i60

2K Format Support
2K DCI 23.98p, 2K DCI 24p, 2K DCI 25p
2K DCI 23.98PsF, 2K DCI 24PsF, 2K DCI 25PsF

Ultra HD Format Support
2160p23.98, 2160p24, 2160p25, 2160p29.97, 2160p30, 2160p50, 2160p59.94, 2160p60

4K Format Support
4K DCI 23.98p, 4K DCI 24p, 4K DCI 25p, 4K DCI 29.97p, 4K DCI 30p

SDI Compliance
SMPTE 292M, SMPTE 259M, SMPTE 296M, SMPTE 372M, SMPTE 424M, SMPTE 425M, SMPTE 2081-1, SMPTE 2081-10, SMPTE 2082-1, SMPTE 2082-10, ITU-R BT.656 and ITU-R BT.601

SDI Video Rates
SDI video connections are auto switching between standard definition SDI, high definition 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

SDI Auto Switching
Automatically detects SD, HD or 12G-SDI.

Analog Format Support
525i59.94 NTSC, 625i50 PAL
720p50, 720p59.94, 720p60
1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p50, 1080p59.94, 1080p60
1080i50, 1080i59.94, 1080i60

Analog Color Space
REC 601, REC 709

Analog Color Precision
YUV 4:2:2 and RGB 4:4:4 in HD, 2K and 4K.

Format Conversion

HD down conversion

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

LB
1.46 lb

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

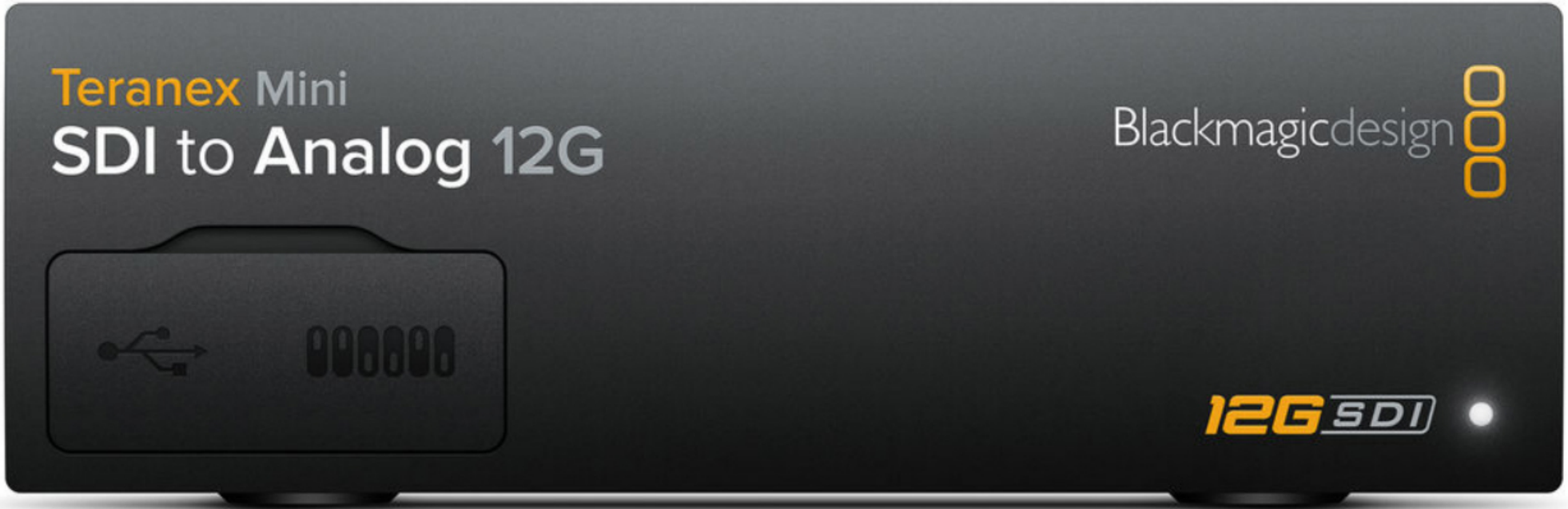
Teranex Mini - SDI to Analog 12G
SD card with software and manual

Warranty

3 year Limited Manufacturer's Warranty.

Teranex Mini - SDI to Analog 12G

Teranex Mini
SDI to Analog 12G
Blackmagicdesign
12G SDI


Teranex Mini
SDI to Analog 12G
Blackmagicdesign
12G SDI

USE ONLY 250V FUSES
Y or NTSC/PAL
B-Y or S-VIDEO Y
R-Y or S-VIDEO C
Amphenol
Amphenol
ETHERNET
SDI IN
SDI LOOP OUT
L - ANALOG
AES/EBU
R - ANALOG
AES/EBU - T/C

Cod. CONVNTRM/CA/SDIAU - PShow: 255549

Teranex Mini
SDI to Audio 12G

Separa l'audio da qualsiasi connessione video in SD, HD e Ultra HD SDI e indirizza 2 canali di audio analogico verso connessioni XLR di audio bilanciato, per fibra ottica o HiFi RCA, oppure fino a 4 canali di audio digitale AES/EBU. Finalmente potrai gestire ed indirizzare l'audio proveniente da qualsiasi connessione SDI, verso un'ampia gamma di dispositivi audio, tra cui mixer, iPod, deck broadcast in analogico, monitor audio e altro ancora!

Connessioni

Ingresso video SDI
Commuta automaticamente tra SD, HD, 3G, 6G e 12G-SDI.

Uscita video SDI
Corrispondenza automatica di ingressi video in SD, HD, 3G, 6G e 12G-SDI.

Uscita audio AES/EBU
4 canali di audio analogico bilanciato professionale a 110Ω tramite connettori XLR.

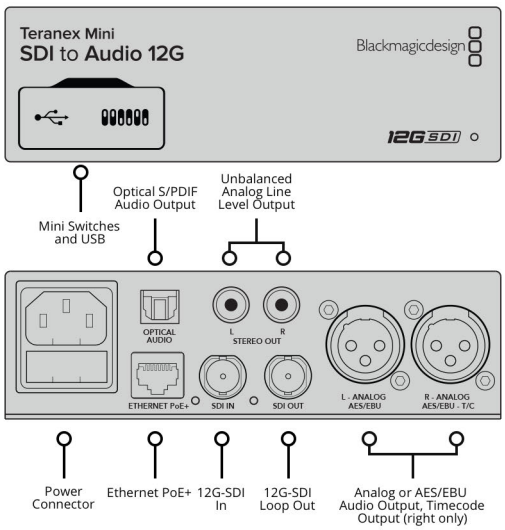
Uscita audio analogico
2 canali di audio analogico bilanciato professionale tramite connettori XLR o 2 canali di audio non bilanciato analogico di livello linea tramite connettori RCA. XLR può essere configurato per uscita Timecode.

Uscita audio per fibra ottica
Segnale S/PDIF con connettore TOSLINK.

Compatibilità con diversi tipi di frequenza
Rilevamento automatico di ingressi 4K, UHD, 2K, HD o SD-SDI.

Aggiornamenti e configurazione
Tramite USB o Ethernet.

Reclocking
Sì



Standard

Formati SD compatibili
525i23.98, 29.97 NTSC, 625i25 PAL

Formati HD compatibili
720p50, 59.94, 60
1080p23.98, 24, 25, 29.97, 30, 50, 59.94, 60
1080PsF23.98,24, 25, 30
1080i50, 59.94, 60

Formati 2K compatibili
1080p23.98, 24, 25
1080PsF23.98, 24, 25

Formati Ultra HD compatibili
2160p23.98, 24, 25, 29.97, 30, 50, 59.94, 60

Formati 4K compatibili
2160p23.98, 24, 25, 29.97, 30

Conformità alla norma SDI
SMPTE 292M, SMPTE 259M, SMPTE 296M, SMPTE 372M, SMPTE 424M, SMPTE 425M, SMPTE 2081-1, SMPTE 2081-10, SMPTE 2082-1, SMPTE 2082-10, ITU-R BT.656 e ITU-R BT.601

Frequenze video SDI
Le connessioni SDI commutano automaticamente tra definizione standard SDI, alta definizione livello A e B 3G-SDI, 6G-SDI, e 12G-SDI.

Campionamento video SDI
4:2:2, 4:4:4

Campionamento audio SDI
Frequenza di campionamento di standard televisivo di 48kHz e 24 bit.

Precisione Colore SDI
4:2:2, 4:4:4

Spazio colore SDI
YUV, RGB

Commutazione automatica SDI
Commuta automaticamente tra SD, HD, 3G, 6G e 12G-SDI.

Software

Controllo software
Aggiornamento software per Mac OS X™ e Windows™ tramite USB e Ethernet.

Aggiornamento del software interno
Tramite applicazione di aggiornamento (inclusa)

Sistemi Operativi

Mac OS X 10.10 Yosemite, Mac OS X 10.11 El Capitan o successivo.

Windows 8.1 o Windows 10.

Controllo Impostazioni

Controllo impostazioni di base
Tramite mini interruttori, USB e Ethernet e utilità di software gratuita.

Controllo tramite pannello frontale (opzionale)
LCD di montatura frontale con manopola girevole e sei tasti per impostazioni.

Requisiti di Alimentazione

Alimentazione
1 x fonte di alimentazione incorporata per CA e presa IEC C14. È necessario un cavo d'alimentazione IEC. Ingresso CA 90 - 240V.

Consumo energetico
16 W

Power over Ethernet
Può essere alimentato tramite 48 volt CC usando il cavo Ethernet (Power over Ethernet)

Voltaggio operativo
90-240V CA

Specifiche Fisiche

605 g

Specifiche Ambientali

Temperatura operativa:
da 0° a 40° C (da 32° a 104° F)

Temperatura di archiviazione:
da -20° a 60° C (da -4° a 140° F)

Umidità relativa:
da 0% a 90% senza condensazione

Cos'è Incluso?

Teranex Mini - SDI to Audio 12G
Scheda SD con software e manuale

Garanzia

Garanzia limitata di tre anni fornita dal produttore.

Teranex Mini - SDI to Audio 12G

Technical Specifications

Description

De-embed audio from any SD, HD or Ultra HD SDI video connection and output 2 channels of analog audio to balanced XLR, optical or HiFi RCA, or output up to 4 channels of AES/EBU digital audio. Perfect for converting and outputting SDI audio to a massive range of audio equipment such as audio mixers, iPods, analog broadcast decks, audio monitors and more.

Price

$495

Connections

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

Please click here for a summary of recommended cables to use with Blackmagic 12G-SDI products.

SDI Video Output
1 x 12G-SDI loop output.

Embedded Audio Support
16 channels.

AES/EBU Audio Output
4 channels professional 110Ω balanced digital audio via XLR connectors. Right XLR can be configured for timecode output.

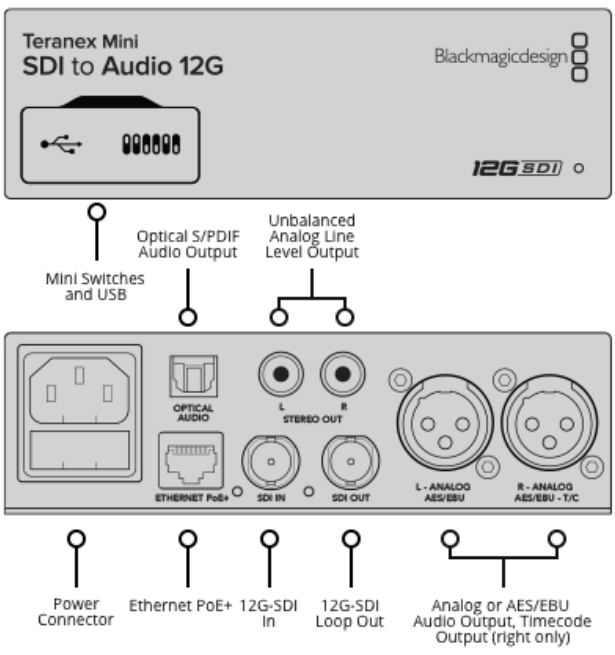
Analog Audio Output
2 channels professional balanced analog audio via XLR connectors, or 2 channel unbalanced analog line level via RCA connectors. Right XLR can be configured for timecode output.

Optical Audio Output
S/PDIF Signal with TOSLINK Connector.

Multi Rate Support
Automatic switching between SD/HD/2K and 4K.

Updates and Configuration
USB or Ethernet.

Re-Clocking
Yes



Standards

SD Format Support
525i59.94 NTSC, 625i50 PAL

HD Format Support
720p50, 720p59.94, 720p60
1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p50, 1080p59.94, 1080p60
1080PsF23.98, 1080PsF24, 1080PsF25, 1080PsF29.97, 1080PsF30
1080i50, 1080i59.94, 1080i60

2K Format Support
2K DCI 23.98p, 2K DCI 24p, 2K DCI 25p
2K DCI 23.98PsF, 2K DCI 24PsF, 2K DCI 25PsF

Ultra HD Format Support
2160p23.98, 2160p24, 2160p25, 2160p29.97, 2160p30, 2160p50, 2160p59.94, 2160p60

4K Format Support
4K DCI 23.98p, 4K DCI 24p, 4K DCI 25p, 4K DCI 29.97p, 4K DCI 30p

SDI Compliance
SMPTE 292M, SMPTE 259M, SMPTE 296M, SMPTE 372M, SMPTE 424M, SMPTE 425M, SMPTE 2081-1, SMPTE 2081-10, SMPTE 2082-1, SMPTE 2082-10, ITU-R BT.656 and ITU-R BT.601

SDI Video Rates
SDI video connections are auto switching between standard definition SDI, high definition level A and level B 3G-SDI, 6G-SDI, and 12G-SDI.

SDI Auto Switching
Automatically selects between SD, HD, 3G, 6G and 12G-SDI.

SDI Video Sampling
4:2:2, 4:4:4

SDI Audio Sampling
Television standard sample rate of 48kHz and 24-bit.

SDI Color Precision
YUV 4:2:2 and RGB 4:4:4 in HD, 2K and 4K.

SDI Color Space
REC 601, REC 709

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

LB
1.33 lb

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

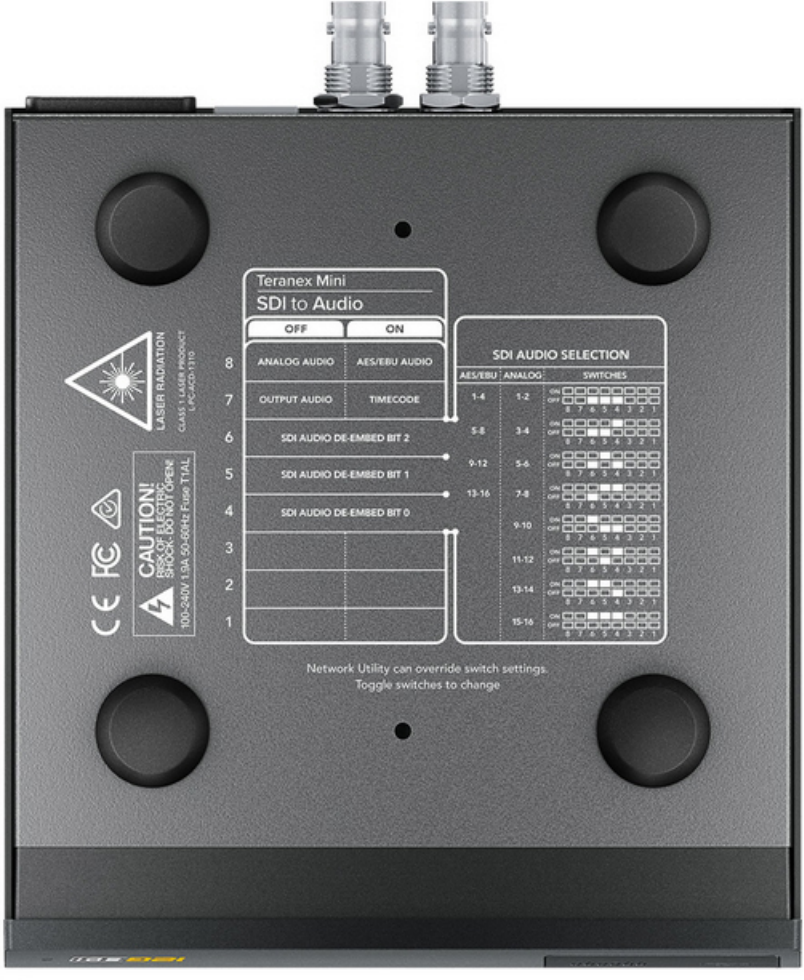
What's Included

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

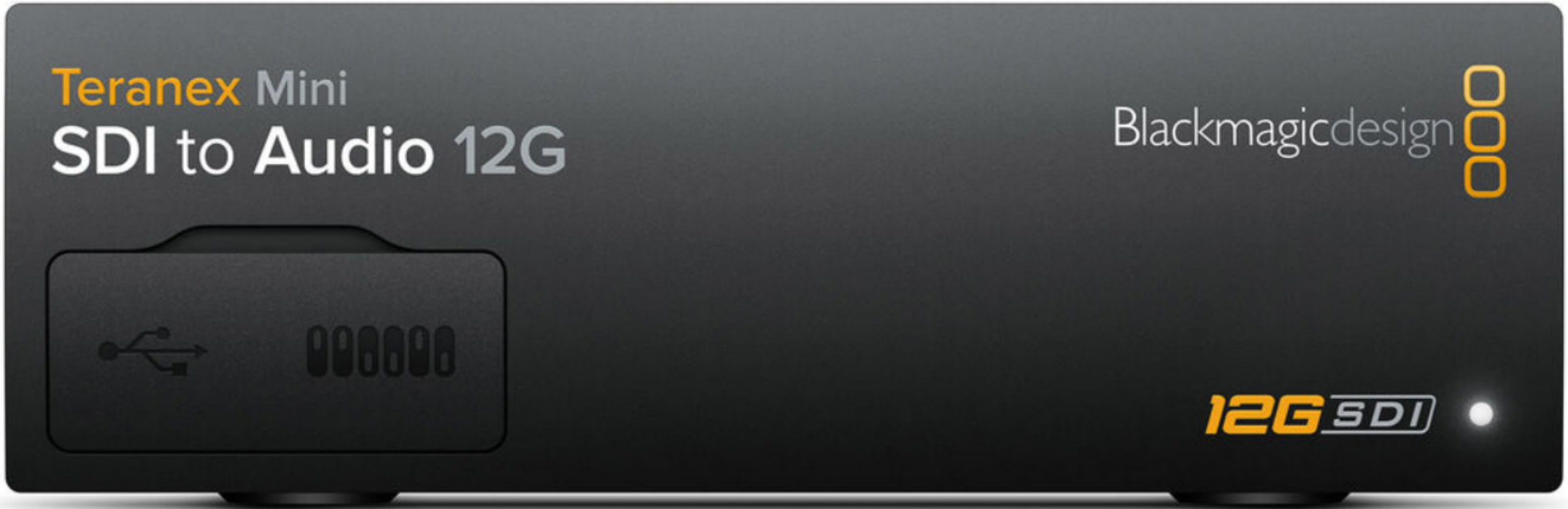
Warranty

3 year Limited Manufacturer's Warranty.

Teranex Mini - SDI to Audio 12G



Teranex Mini
SDI to Audio 12G
Blackmagicdesign
12G SDI


Teranex Mini
SDI to Audio 12G
Blackmagicdesign
12G SDI

USE ONLY 250V FUSES
OPTICAL
AUDIO
L
R
STEREO OUT
Amphenol
Amphenol
ETHERNET
SDI IN
SDI OUT
L - ANALOG
AES/EBU
R - ANALOG
AES/EBU - T/C

Cod. CONVNTRM/AA/SDIH - PShow: 255545

Teranex Mini
SDI to HDMI 12G

Converte i segnali 12G-SDI in HDMI ed è compatibile con tutti i formati video in SD, HD, 6G e 12G-SDI. Esegue conversioni di minore risoluzione, di modo che il monitor HDMI collegato selezioni il formato con cui è compatibile. Separa l'audio e lo trasmette attraverso l'uscita di audio analogico bilanciato e AES/EBU, o timecode. Include la funzione Instant Lock sull'uscita HDMI e supporta le LUT a 33 punti. È ideale per utilizzare televisori HDMI per il monitoraggio broadcast in SDI, e per connettere i videoproiettori.

Connessioni

Ingresso video SDI
1 x SD, HD o 12G-SDI

Uscita video SDI
Singola uscita HDMI 4K.

HDMI
HDMI Out tipo A.

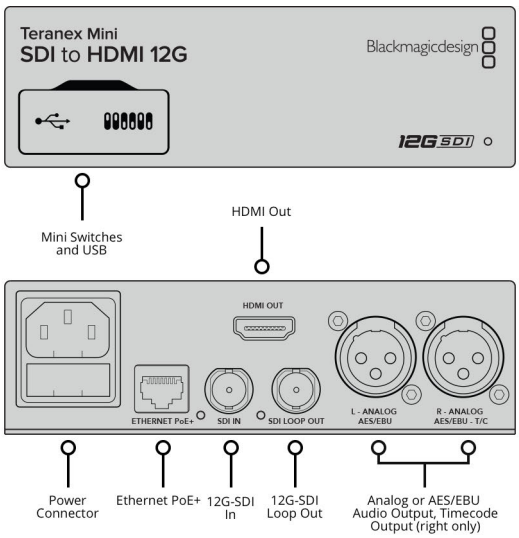
Uscita audio analogico
2 canali di audio analogico bilanciato professionale tramite connettori XLR o 2 canali di audio non bilanciato analogico di livello linea tramite connettori RCA. XLR può essere configurato per uscita Timecode.

Uscita audio AES/EBU
4 canali di audio analogico bilanciato professionale a 110Ω tramite connettori XLR.

Compatibilità con diversi tipi di frequenza
Commutazione automatica tra SD/HD/2K/4K. Funzione Instant Lock sull'uscita HDMI.

Aggiornamenti e configurazione
Tramite USB o Ethernet.

Reclocking
Sì



Ingressi SDI

Formati SD compatibili
525i29.97 NTSC, 625i25 PAL

Formati HD compatibili
720p50, 59.94, 60
1080p23.98, 24, 25, 29.97, 30, 50, 59.94, 60
1080PsF23.98, 24, 25, 30
1080i50, 59.94, 60

Formati 2K compatibili
1080p23.98, 24, 25
1080PsF23.98, 24, 25

Formati Ultra HD compatibili
2160p23.98, 24, 25, 29.97, 30, 50, 59.94, 60

Formati 4K compatibili
2160p23.98, 24, 25, 29.97, 30

Conformità alla norma SDI
SMPTE 292M, SMPTE 259M, SMPTE 296M, SMPTE 372M, SMPTE 424M, SMPTE 425M, SMPTE 2081-1, SMPTE 2081-10, SMPTE 2082-1 e SMPTE 2082-10

Frequenze video SDI
Le connessioni SDI commutano tra definizione standard, alta definizione livello A e B 3G-SDI, 6G-SDI e 12G-SDI.

Campionamento video SDI
4:2:2 e 4:4:4

Campionamento audio SDI
Frequenza di campionamento di standard televisivo di 48kHz e 24 bit.

Precisione Colore SDI
4:2:2 e 4:4:4

Spazio colore SDI
YUV e RGB Le LUT a 33 punti si caricano tramite Teranex Utility

Uscite HDMI

Formati SD compatibili
525i29.97 NTSC, 625i25 PAL

Formati HD compatibili
720p50, 59.94, 60
1080p23.98, 24, 25, 29.97, 30, 50, 59.94, 60
1080i50, 59.94, 60

Formati Ultra HD compatibili
2160p23.98, 24, 25, 29.97, 30, 50, 59.94, 60

Formati 4K compatibili
2160p23.98, 24, 25, 29.97, 30

Spazio colore HDMI
YUV e RGB

Precisione Colore HDMI
4:2:2 e 4:4:4

Software

Controllo software
Aggiornamento software per Mac OS X™ e Windows™ tramite USB o Ethernet.

Aggiornamento del software interno
Tramite applicazione di aggiornamento (inclusa).

Sistemi Operativi

Mac OS X 10.10 Yosemite, Mac OS X 10.11 El Capitan o successivo.

Windows 8.1 o Windows 10.

Controllo Impostazioni

Controllo impostazioni di base
Tramite mini interruttori, USB e Ethernet e utilità di software gratuita.

Controllo tramite pannello frontale (opzionale)
LCD di montatura frontale con manopola girevole e sei tasti per impostazioni.

Requisiti di Alimentazione

Alimentazione
1 x fonte di alimentazione incorporata per CA e presa IEC C14. È necessario un cavo d'alimentazione IEC. Ingresso CA 90 - 240V.

Power over Ethernet
Può essere alimentato tramite 48 volt CC usando il cavo Ethernet (Power over Ethernet).

Consumo energetico
16 W

Voltaggio operativo
90-240V CA

Specifiche Fisiche

580 g

Specifiche Ambientali

Temperatura operativa:
da 0° a 40° C (da 32° a 104° F)

Temperatura di archiviazione:
da -20° a 60° C (da -4° a 140° F)

Umidità relativa:
da 0% a 90% senza condensazione

Cos'è Incluso?

Teranex Mini - SDI to HDMI 12G
Scheda SD con software e manuale

Garanzia

Garanzia limitata di tre anni fornita dal produttore.

Teranex Mini - SDI to HDMI 12G

Technical Specifications

Description

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.

Price
$495

Connections

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

Please click here for a summary of recommended cables to use with Blackmagic 12G-SDI products.

SDI Video Output
1 x 12G-SDI loop output.

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

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

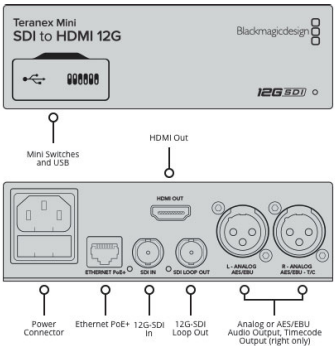
AES/EBU Audio Output
4 channels professional 110Ω balanced digital audio via XLR connectors. Right XLR can be configured for Timecode output.

Embedded Audio Support
8 channels.

Multi Rate Support
Automatic switching between SD/HD/2K and 4K. Instant lock on HDMI output.

Updates and Configuration
USB or Ethernet.

Re-Clocking
Yes



SDI Input Formats

SD Format Support
525i59.94 NTSC, 625i50 PAL

HD Format Support
720p50, 720p59.94, 720p60
1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p50, 1080p59.94, 1080p60
1080PsF23.98, 1080PsF24, 1080PsF25, 1080PsF29.97, 1080PsF30
1080i50, 1080i59.94, 1080i60

2K Format Support
2K DCI 23.98p, 2K DCI 24p, 2K DCI 25p
2K DCI 23.98PsF, 2K DCI 24PsF, 2K DCI 25PsF

Ultra HD Format Support
2160p23.98, 2160p24, 2160p25, 2160p29.97, 2160p30, 2160p50, 2160p59.94, 2160p60

4K Format Support
4K DCI 25p, 4K DCI 29.97p, 4K DCI 30p

SDI Compliance
SMPTE 292M, SMPTE 259M, SMPTE 296M, SMPTE 372M, SMPTE 424M, SMPTE 425M, 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 LUT's can be loaded via Teranex Utility.

HDMI Output Formats

SD Format Support
525i59.94 NTSC, 625i50 PAL

HD Format Support
720p50, 720p59.94, 720p60
1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p50, 1080p59.94, 1080p60
1080i50, 1080i59.94, 1080i60

2K Format Support
2K DCI 23.98p, 2K DCI 24p, 2K DCI 25p

Ultra HD Format Support
2160p23.98, 2160p24, 2160p25, 2160p29.97, 2160p30, 2160p50, 2160p59.94, 2160p60

4K Format Support
4K DCI 23.98p, 4K DCI 24p, 4K DCI 25p, 4K DCI 29.97p, 4K DCI 30p

HDMI Color Space
REC 601, REC 709

HDMI Color Precision
YUV 4:2:2 and RGB 4:4:4 in HD, 2K and 4K.

Software

Software Control
Mac OS X™ and Windows™ software upgrade via USB or 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.

Setting 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

LB
1.28 lb

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

Warranty

3 year Limited Manufacturer's Warranty.

Teranex Mini - SDI to HDMI 12G

Teranex Mini
SDI to HDMI 12G
Blackmagicdesign
12G SDI

Teranex Mini
SDI to HDMI 12G
Blackmagicdesign
12G SDI

USE ONLY 250V FUSES
HDMI OUT
Amphenol
Amphenol
ETHERNET
SDI IN
SDI LOOP OUT
L - ANALOG
AES/EBU
R - ANALOG
AES/EBU - T/C

Cod. CONVNTRM/MA/OPTH - SKU: PShow: 255551

Teranex Mini
Optical to HDMI 12G

Now you can convert from SDI and SMPTE optical fiber to HDMI! Simply insert the SMPTE optical fiber module of your choice to get video and embedded audio over massive distances using 3G, 6G, or 12G-SDI optical fiber! You get professional 12G-SDI and XLR connections, a down converter for viewing Ultra HD sources on HD displays plus ethernet for remote admin control. The optical fiber SFP module is sold separately so you can purchase the SMPTE compatible 3G-SDI, 6G-SDI or 12G-SDI SFP module to suit your workflow. You can even add an optional Smart Panel to add LCD monitoring and push button controls to your Teranex Mini!

$495

Connections

Optical Fiber Connection (optional)
Optional 3G, 6G or 12G-SDI single mode 1310 nm SFP module with LC connector.

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

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

Optical Fiber Video Loop Through
1 x 12G-SDI loop output.

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

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

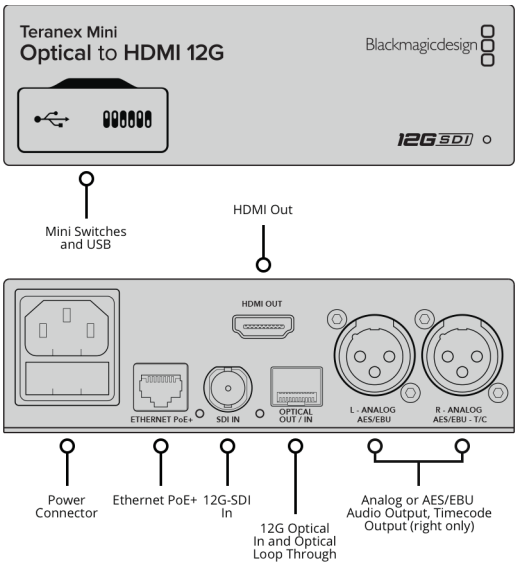
AES/EBU Audio Output
4 channels professional 110Ω balanced digital audio via XLR connectors. Right XLR can be configured for Timecode output.

Embedded Audio Support
8 channels.

Multi Rate Support
Auto detection of SD, HD or 12G-SDI.

Updates and Configuration
USB and Ethernet.

Re-Clocking
Yes



Optical Input Formats

SD Format Support
525i59.94 NTSC, 625i50 PAL

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

2K Format Support
2K DCI 23.98p, 2K DCI 24p, 2K DCI 25p
2K DCI 23.98PsF, 2K DCI 24PsF, 2K 25PsF

Ultra HD Format Support
2160p23.98, 2160p24, 2160p25, 2160p29.97, 2160p30, 2160p50, 2160p59.94, 2160p60

4K Format Support
4K DCI 23.98p, 4K DCI 24p, 4K DCI 25p, 4K DCI 29.97p, 4K DCI 30p, 4K DCI 50p, 4K DCI 60p

SDI Compliance
SMPTE 292M, SMPTE 259M, SMPTE 296M, SMPTE 372M, SMPTE 424M, SMPTE 425M, SMPTE 297M for Optical Fiber SDI, 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 Precision
4:2:2 and 4:4:4.

SDI Color Space
YUV and RGB.

HDMI Output Formats

SD Format Support
525i59.94 NTSC, 625i50 PAL

HD Format Support
720p50, 720p59.94, 720p60
1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p50, 1080p59.94, 1080p60
1080i50, 1080i59.94, 1080i60

2K Format Support
2K DCI 23.98p, 2K DCI 24p, 2K DCI 25p

Ultra HD Format Support
2160p23.98, 2160p24, 2160p25, 2160p29.97, 2160p30, 2160p50, 2160p59.94, 2160p60

4K Format Support
DCI 23.98p, 4K DCI 24p, 4K DCI 25p, 4K DCI 29.97p, 4K DCI 30p, 4K DCI 50p, 4K DCI 60p

HDMI Color Space
REC 601, REC 709

HDMI Color Precision
YUV 4:2:2 and RGB 4:4:4 in HD, 2K and 4K.

Software

Software Control
Mac OS X™ and Windows™ software upgrade via USB or 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

LB
1.28 lb

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 - Optical to HDMI 12G
SD card with software and manual

Warranty

3 year Limited Manufacturer’s Warranty.

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Blackmagic Design Authorized Reseller

Teranex Mini - Optical to HDMI 12G

Technical Specifications

Description

Now you can convert from SDI and SMPTE optical fiber to HDMI! Simply insert the SMPTE optical fiber module of your choice to get video and embedded audio over massive distances using 3G, 6G, or 12G-SDI optical fiber! You get professional 12G-SDI and XLR connections, a down converter for viewing Ultra HD sources on HD displays plus ethernet for remote admin control. The optical fiber SFP module is sold separately so you can purchase the SMPTE compatible 3G-SDI, 6G-SDI or 12G-SDI SFP module to suit your workflow. You can even add an optional Smart Panel to add LCD monitoring and push button controls to your Teranex Mini!

Price

$495

Connections

Optical Fiber Connection (optional)
Optional 3G, 6G or 12G-SDI single mode 1310 nm SFP module with LC connector.

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

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

Please click here for a summary of recommended cables to use with Blackmagic 12G-SDI products.

Optical Fiber Video Loop Through
1 x 12G-SDI loop output.

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

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

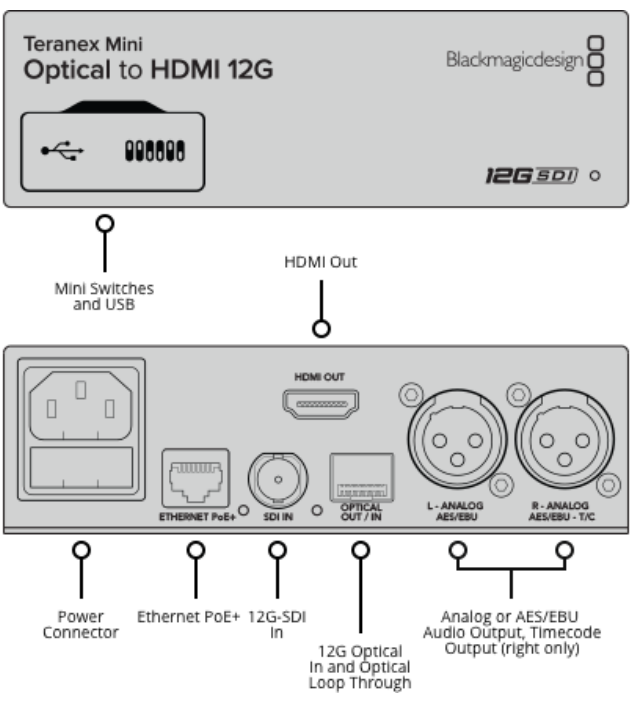
AES/EBU Audio Output
4 channels professional 110Ω balanced digital audio via XLR connectors. Right XLR can be configured for Timecode output.

Embedded Audio Support
8 channels.

Multi Rate Support
Auto detection of SD, HD or 12G-SDI.

Updates and Configuration
USB and Ethernet.

Re-Clocking
Yes



Optical Input Formats

SD Format Support
525i59.94 NTSC, 625i50 PAL

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

2K Format Support
2K DCI 23.98p, 2K DCI 24p, 2K DCI 25p
2K DCI 23.98PsF, 2K DCI 24PsF, 2K 25PsF

Ultra HD Format Support
2160p23.98, 2160p24, 2160p25, 2160p29.97, 2160p30, 2160p50, 2160p59.94, 2160p60

4K Format Support
4K DCI 23.98p, 4K DCI 24p, 4K DCI 25p, 4K DCI 29.97p, 4K DCI 30p, 4K DCI 50p, 4K DCI 60p

SDI Compliance
SMPTE 292M, SMPTE 259M, SMPTE 296M, SMPTE 372M, SMPTE 424M, SMPTE 425M, SMPTE 297M for Optical Fiber SDI, 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 Precision
4:2:2 and 4:4:4.

SDI Color Space
YUV and RGB.

HDMI Output Formats

SD Format Support
525i59.94 NTSC, 625i50 PAL

HD Format Support
720p50, 720p59.94, 720p60
1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p50, 1080p59.94, 1080p60
1080i50, 1080i59.94, 1080i60

2K Format Support
2K DCI 23.98p, 2K DCI 24p, 2K DCI 25p

Ultra HD Format Support
2160p23.98, 2160p24, 2160p25, 2160p29.97, 2160p30, 2160p50, 2160p59.94, 2160p60

4K Format Support
DCI 23.98p, 4K DCI 24p, 4K DCI 25p, 4K DCI 29.97p, 4K DCI 30p, 4K DCI 50p, 4K DCI 60p

HDMI Color Space
REC 601, REC 709

HDMI Color Precision
YUV 4:2:2 and RGB 4:4:4 in HD, 2K and 4K.

Software

Software Control
Mac OS X™ and Windows™ software upgrade via USB or 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

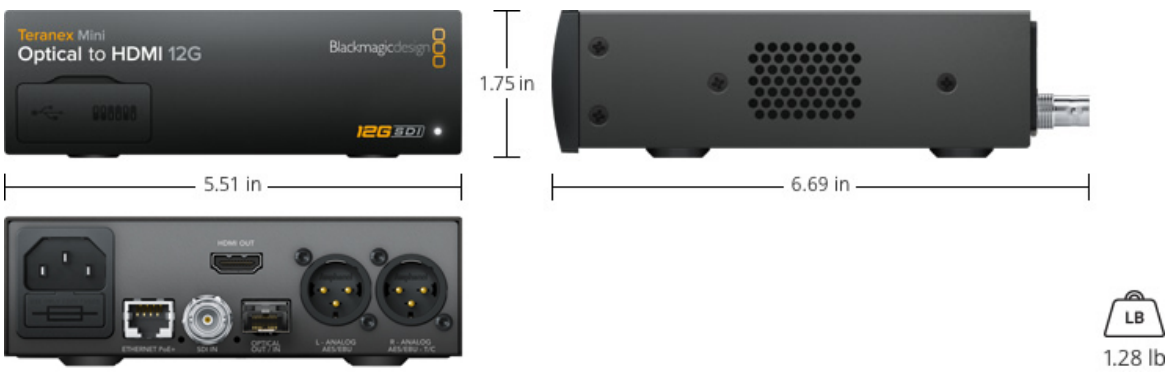
Power Supply
1 x built-in international AC power supply with IEC C14 inlet. IEC Power cable required. 90 - 240V AC Input.

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

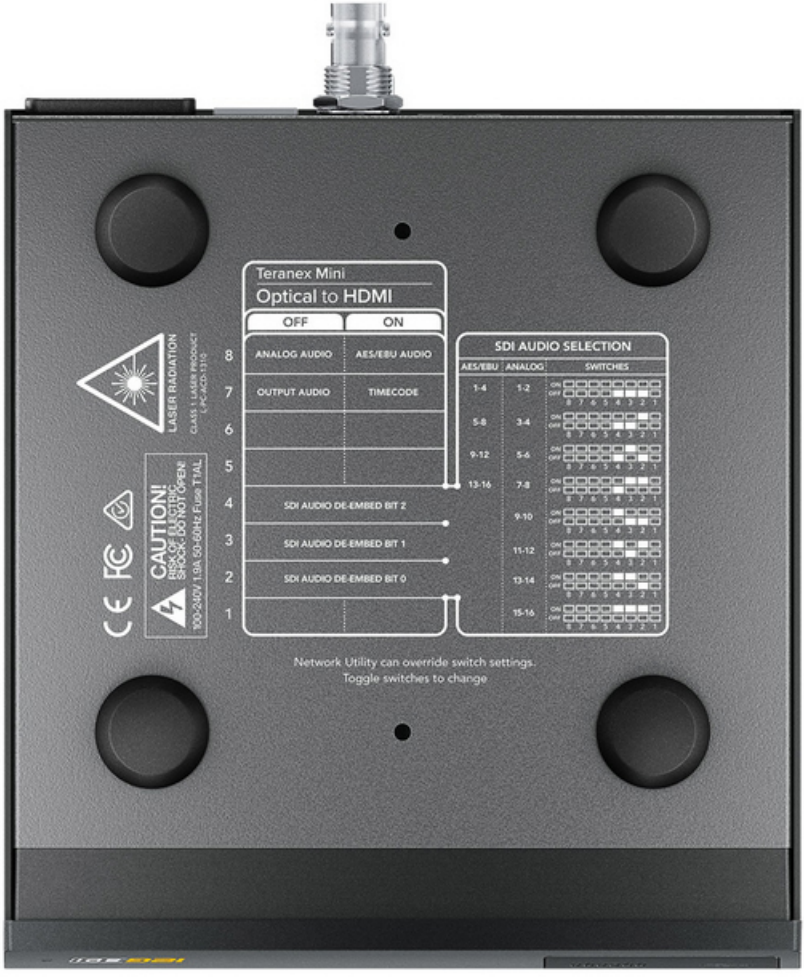
What's Included

Teranex Mini - Optical to HDMI 12G
SD card with software and manual

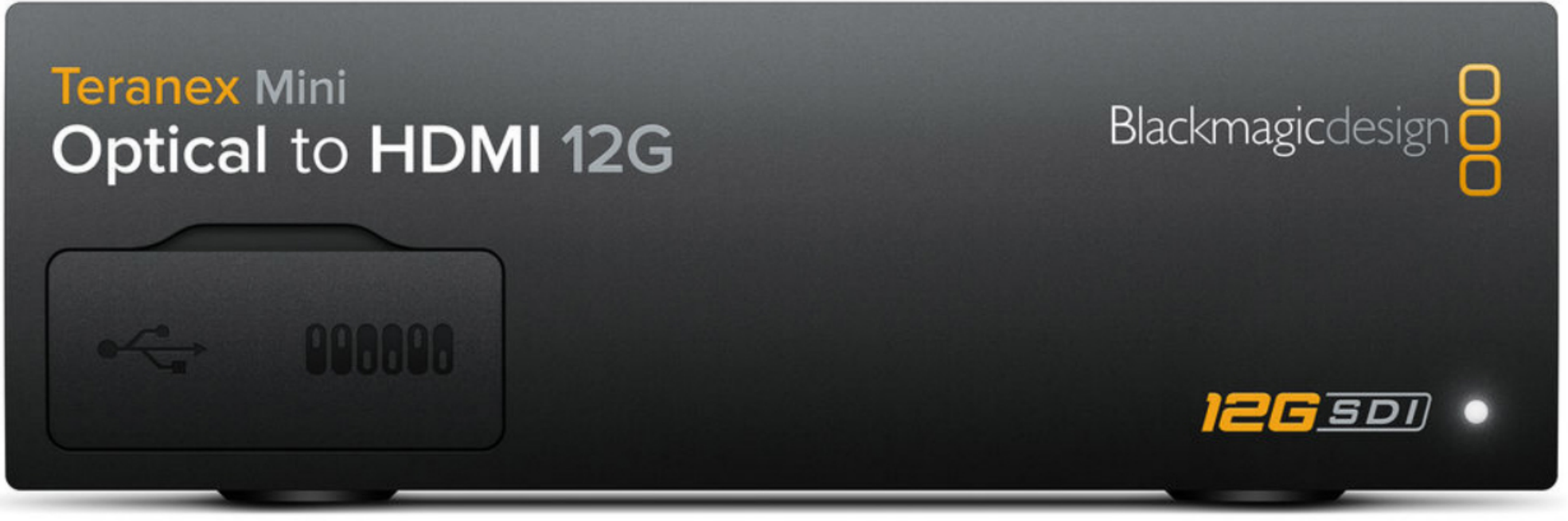
Warranty

3 year Limited Manufacturer's Warranty.

Teranex Mini - Optical to HDMI 12G



Teranex Mini
Optical to HDMI 12G
Blackmagicdesign
12G SDI


Teranex Mini
Optical to HDMI 12G
Blackmagicdesign
12G SDI

HDMI OUT
ETHERNET PoE+
SDI IN
OPTICAL
OUT / IN
L - ANALOG
AES/EBU
R - ANALOG
AES/EBU - T/C

Teranex Mini
Optical to HDMI 12G
Blackmagicdesign
12G SDI

HDMI OUT
ETHERNET PoE+
SDI IN
OPTICAL
OUT / IN
L - ANALOG
AES/EBU
R - ANALOG
AES/EBU - T/C

Cod. CONVNTRM/OB/IPV - SKU: PShow: 295648

Teranex Mini IP Video 12G

Now you can convert video to IP and route it over your existing ethernet network, or you can convert IP video back to SDI. Teranex Mini IP Video 12G uses standard Blackmagic Videohub software and hardware control panels to configure and switch IP video over ethernet as easily as SDI signals! You get 12G-SDI and the low latency broadcast quality TICO codec so you can route HD over the built in gigabit ethernet connection or Ultra HD over 10G ethernet with an optional 10G SFP!

$495

Connections

SDI Video Inputs
1 x 10-bit HD-SDI, 6G-SDI and 12G-SDI

SDI Video Outputs
2 x 10-bit HD-SDI, 6G-SDI and 12G-SDI

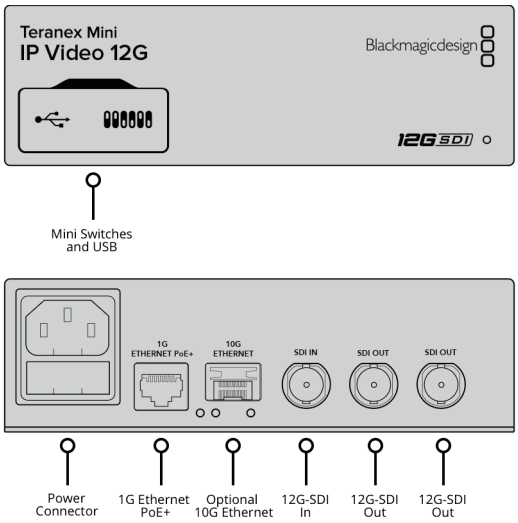
Ethernet
Gigabit ethernet supports 3G-SDI up to 1080p60 using TICO encoding/decoding. Optional 10G optical data ethernet supporting Ultra HD up to 2160p60 using TICO encoding/decoding.

Multi Rate Support
Auto detection of HD-SDI, 6G-SDI or 12G-SDI.

Updates
USB 2.0 high speed (480Mb/s) interface or via Ethernet.

Configuration
Ethernet or USB 2.0 for firmware updates and IP address setting.

Reclocking
On all SDI outputs, auto switching between high definition, 6G-SDI or 12G-SDI video.



Standards

HD Video Standards
720p50, 720p59.94, 720p60, 1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p50, 1080p59.94, 1080p60, 1080PsF23.98, 1080PsF24, 1080i50, 1080i59.94, 1080i60
Automatic detection of Level A or Level B SDI on 1080p50, 1080p59.94 and 1080p60

2K Video Standards
2K DCI 23.98p, 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, 4K DCI 29.97p, 4K DCI 30p

SDI Compliance
SMPTE 259M, SMPTE 292M, SMPTE 296M, SMPTE 310M, SMPTE 425M, ITU-R BT.656 and ITU-R BT.601.

SDI Video Rates
SDI video input is switchable between high definition, ultra high definition and 4K. SDI switches between 1.5 Gb/s HD-SDI, 3G-SDI, 6G-SDI and 12G-SDI.

SDI Video Sampling
4:2:2 plus 4:4:4 up to 4K DCI 30p

SDI Audio Sampling
Television standard sample rate of 48kHz and 24-bit.

SDI Color Precision
10-bit 4:2:2 and 4:4:4

SDI Color Space
YUV or RGB for inputs, YUV for SDI outputs.

SDI Auto Switching
Automatically selects between HD-SDI, 6G-SDI and 12G-SDI.

SDI Metadata Support
Video payload identification ancillary data as per SMPTE 352M.

Display

Optional Teranex Mini Smart Panel with 1.5 inch LCD for menu settings.

Software

Software Control
Blackmagic IP Video Setup and Videohub Router Control Software included on SD card for Windows and Mac OS X.

Internal Software Upgrade
Via included updater application.

Operating Systems

Mac OS X 10.11 El Capitan,
macOS Sierra or later.

Windows 8.1 or
Windows 10.

Settings Control

Control
Built in switches, setup software utility, or optional front mounted Teranex Mini Smart Panel with LCD, rotary knob and six settings buttons.

Power Requirements

Power Supply
IEC power cable required. 90 - 240V AC input.

Power Fail Protection
Settings preserved and restored instantly at power on.

Power over Ethernet
Can be powered via 48V DC using PoE+ (power over Ethernet).

Power Consumption
16 Watts

Physical Specifications

1.28 lb

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 - IP Video 12G
SD card with software and manual.

Warranty

3 year Limited Manufacturer's Warranty.

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Blackmagic Design Authorized Reseller

Teranex Mini - IP Video 12G

Technical Specifications

Description

Now you can convert video to IP and route it over your existing ethernet network, or you can convert IP video back to SDI. Teranex Mini IP Video 12G uses standard Blackmagic Videohub software and hardware control panels to configure and switch IP video over ethernet as easily as SDI signals! You get 12G-SDI and the low latency broadcast quality TICO codec so you can route HD over the built in gigabit ethernet connection or Ultra HD over 10G ethernet with an optional 10G SFP!

Price

$495

Connections

SDI Video Inputs
1 x 10-bit HD-SDI, 6G-SDI and 12G-SDI

SDI Video Outputs
2 x 10-bit HD-SDI, 6G-SDI and 12G-SDI

Ethernet
Gigabit ethernet supports 3G-SDI up to 1080p60 using TICO encoding/decoding. Optional 10G optical data ethernet supporting Ultra HD up to 2160p60 using TICO encoding/decoding.

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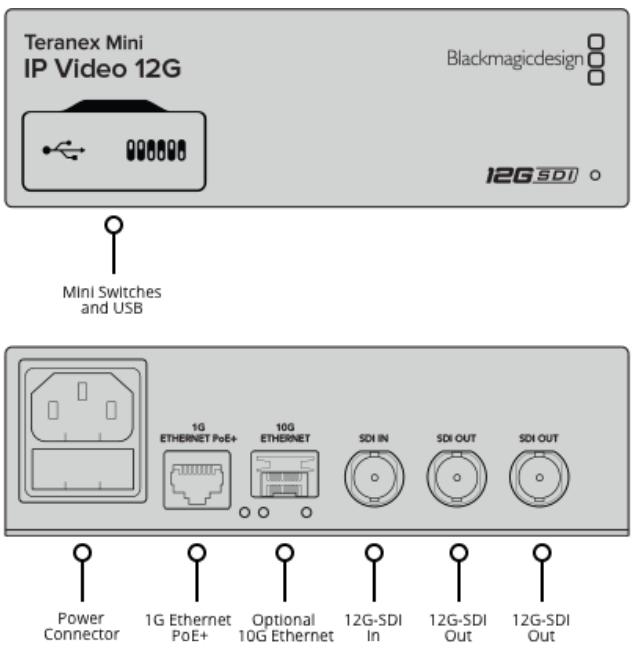

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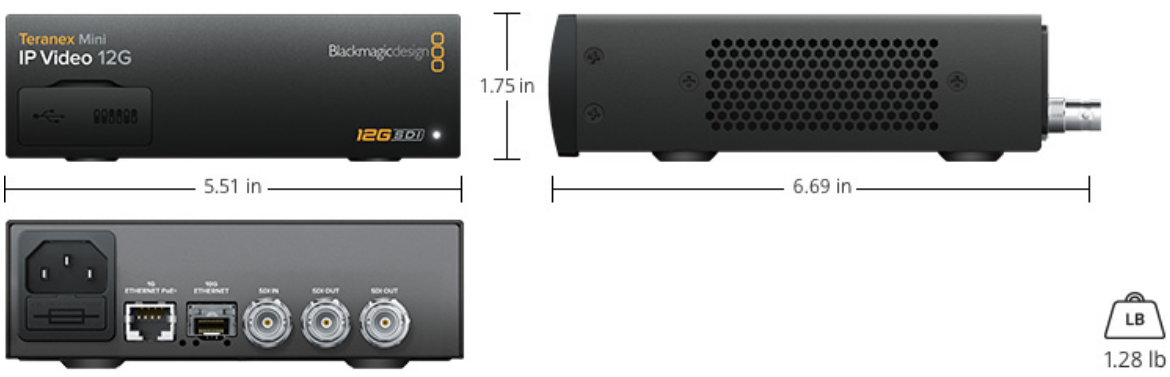

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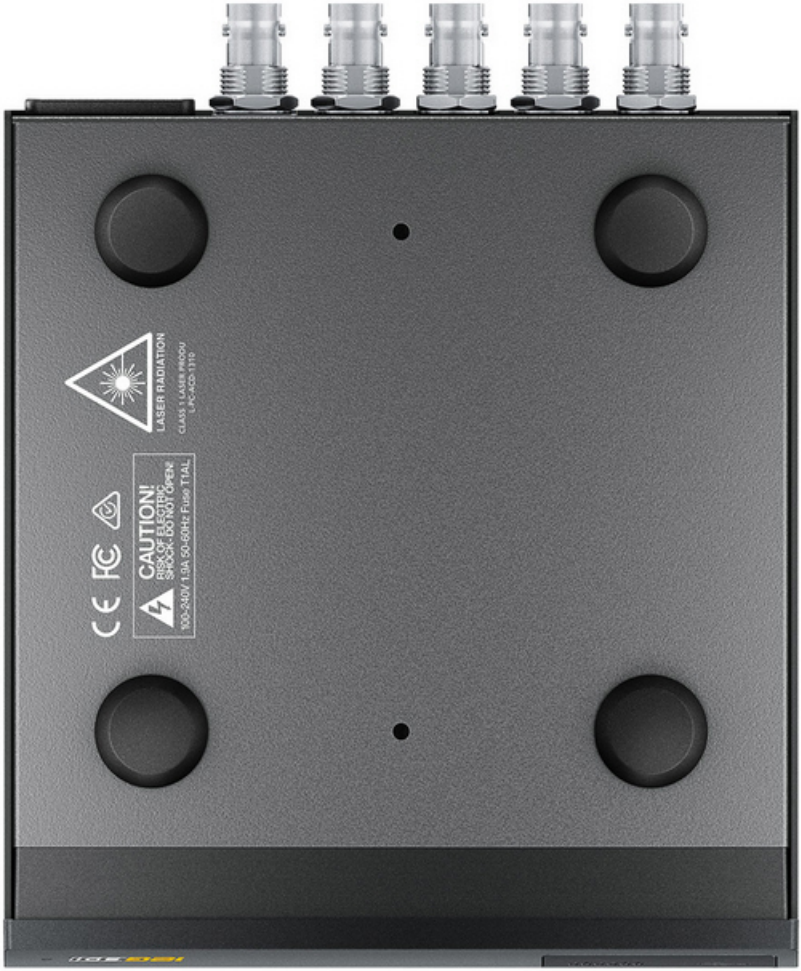
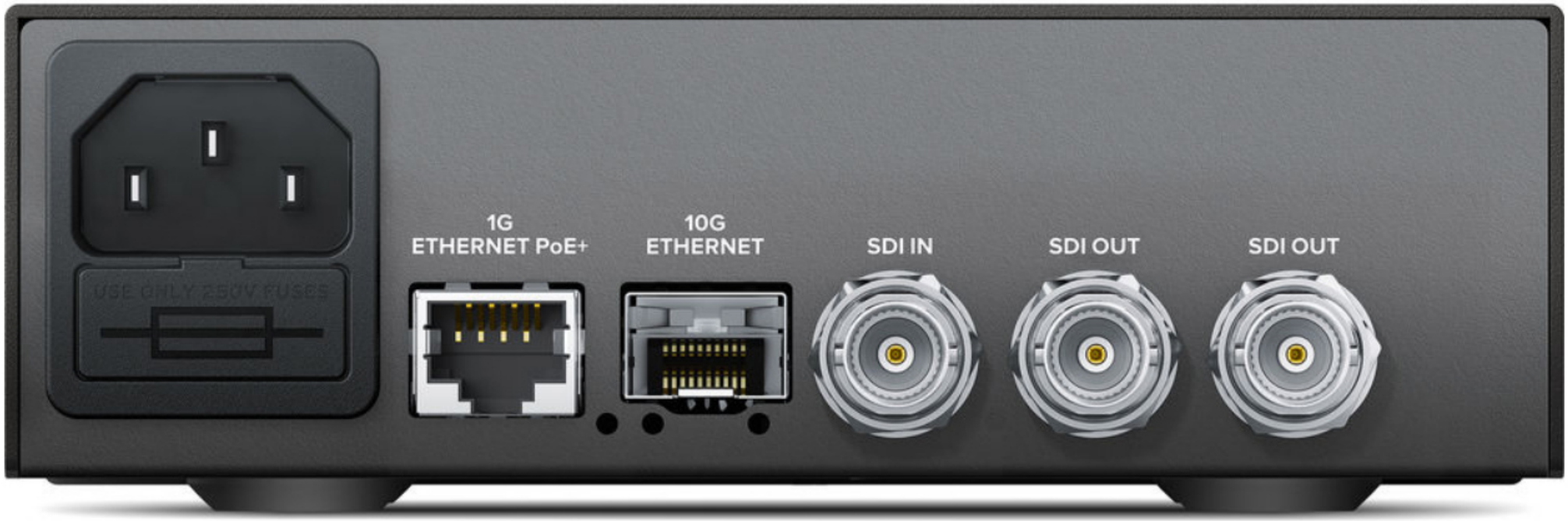
Teranex Mini - IP Video 12G



Teranex Mini
IP Video 12G
Blackmagicdesign
12G SDI

Teranex Mini
IP Video 12G
Blackmagicdesign
12G SDI


USE ONLY 250V FUSES
1G
ETHERNET PoE+
10G
ETHERNET
SDI IN
SDI OUT
SDI OUT