

Mini Converter SDI to Analog 4K

Technical Specifications

Description

Mini Converter SDI to Analog 4K includes everything you need to convert from SD, HD, 3G and 6G-SDI video to analog in HD/SD component, NTSC and PAL video. The built in down converter means you can even connect Ultra HD sources to component video in SD or HD as well as NTSC and PAL video! Easily connect any analog equipment such as Betacam SP, VHS, and video monitors!

Connections

SDI Video Input

Switchable between SD, HD and 6G-SDI.

SDI Video Output

Automatically matches the SD, HD and 6G-SDI video input.

Analog Video

NTSC, PAL and S-Video from and component HD from 6G-SDI input.

Analog Audio

2 channels of professional balanced analog audio with standard 1/4 inch jack connections.

AES/EBU Digital Audio

2 channels of professional balanced digital with standard 1/4 inch jack connections.

SDI Redundant Input

Automatically switches over if main SDI input is lost.

Multi Rate Support

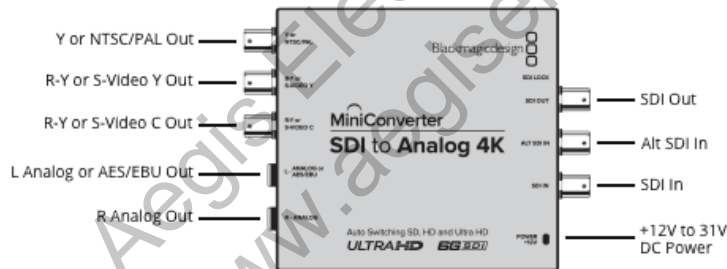
Auto detection of 6G-SDI, HD or standard definition SDI inputs.

Updates and Configuration

USB

Reclocking

Yes



Standards

SD Format Support

525/29.97 NTSC, 625/25 PAL

HD Format Support

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

2K Format Support

2048x1080PsF23.98, 2048x1080p23.98, 2048x1080PsF24, 2048x1080p24, 2048x1080PsF25, 2048x1080p25

4K Format Support

3840x2160p23.98, 3840x2160p24, 3840x2160p25, 3840x2160p29.97,

SDI Compliance

SMPTE 292M, SMPTE 259M, SMPTE 296M, ITU-R BT.656 and ITU-R BT.601.

SDI Video Rates

SDI video connections are switchable between standard definition and high definition and UHD

SDI Video Sampling

4:2:2

SDI Audio Sampling

Television standard sample rate of 48 kHz and 24 bit.

SDI Color Precision

4:2:2

SDI Auto Switching

Automatically selects between SD SDI, HD-SDI and 3 Gb/s SDI.

Analog Format Support

625/25 PAL, 525/29.97 NTSC, 720p50, 720p59.94, 720p60, 1080i50, 1080i59.94, 1080i60, 1080p23.98, 1080PsF23.98, 1080p24, 1080PsF24, 1080p25, 1080PsF25, 1080p29.97, 1080PsF29.97, 1080p30, 1080PsF30

Analog Color Space

YUV

Analog Color Precision

4:2:2

3840x2160p30, 4096x2160p24

SDI Color Space
YUV

Format Conversion

HD down conversion

Software

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

Internal Software Upgrade
Via included updater application.

Operating Systems



Mac OS X 10.9 Mavericks,
Mac OS X 10.10 Yosemite or later.



Windows 7 or Windows 8.

Settings Control

Mini Switches or USB software.

Power Requirements

Power Supply
+12V universal power supply included with international socket adapters for all countries. Cable tie point.

Power Consumption
8.04 Watts

Operational Voltage Range
12V

Physical Specifications



Environmental Specifications

Operating temperature
0° to 40° C (32° to 104° F)

Storage temperature
-20° to 45° C (-4° to 113° F)

Relative Humidity
0% to 90% non-condensing

What's Included

Mini Converter SDI to Analog 4K
Software CD
12V universal power supply with international socket adapters

Warranty

3 Year Limited Manufacturer's Warranty.