

Mini Converter HDMI to SDI 4K

Technical Specifications

Description

Mini Converter HDMI to SDI 4K includes everything you need to convert from HDMI devices to SD, HD, 3G and 6G-SDI video in SD, HD and Ultra HD video formats. You can easily embed SDI audio from HDMI, AES/EBU or balanced analog audio inputs. Get the perfect solution to convert HDMI consumer cameras to SDI, or add SDI outputs to computers with HDMI connections!

Connections

SDI Video Output

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

HDMI

HDMI type A in

Multi Rate Support

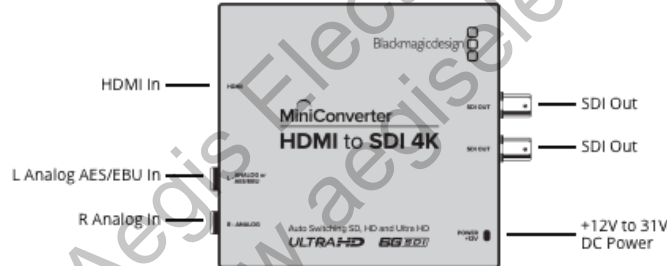
Auto detection of 6G-SDI, HD or standard definition SDI inputs.

Updates and Configuration

USB

Reclocking

Yes



Standards

SD Format Support

525/29.97 NTSC, 525/23.98 NTSC, 625/25 PAL

HD Format Support

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

4K Format Support

3840x2160p23.98, 3840x2160p24, 3840x2160p25, 3840x2160p29.97, 3840x2160p30, 4096x2160p24

SDI Compliance

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

SDI Color Precision

4:2:2

SDI Video Rates

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

SDI Video Sampling

4:2:2

SDI Audio Sampling

Television standard sample rate of 48 kHz and 24 bit.

SDI Color Space

YUV

SDI Auto Switching

Automatically selects between SD SDI, HD-SDI and 6G-SDI.

HDMI Color Space

YUV and RGB

HDMI Color Precision

4:2:2 and 4:4:4

HDMI Format Support

625/25 PAL, 525/29.97 NTSC, 525/23.98 NTSC, 720p50, 720p59.94, 720p60, 1080i50, 1080i59.94, 1080i60, 1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p50, 1080p59.94, 1080p60, 2048x1080p23.98, 2048x1080p24, 2048x1080p25, 3840x2160p23.98, 3840x2160p24, 3840x2160p25, 3840x2160p29.97, 3840x2160p30, 4096x2160p24

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 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
4.44 Watts

Operational Voltage Range
12 - 31 Vdc

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 HDMI to SDI 4K
Software CD
12V universal power supply with international socket adapters

Warranty

3 Year Limited Manufacturer's Warranty.