

Mini Converter SDI to HDMI 4K Technical Specifications

Description

Mini Converter SDI to HDMI 4K includes everything you need to convert from SD, HD, 3G and 6G-SDI video sources to HDMI in SD, HD and Ultra HD video formats. You can also de-embed SDI audio to HDMI, AES/EBU or balanced analog audio out. Imagine using big screen Ultra HD TV's and projectors for broadcast monitoring! The built in down converter even allows Ultra HD monitoring on HD televisions!

Connections

SDI Video Input
 1 x SD, HD or 6G-SDI.

SDI Video Output
 (4K HDMI output only)

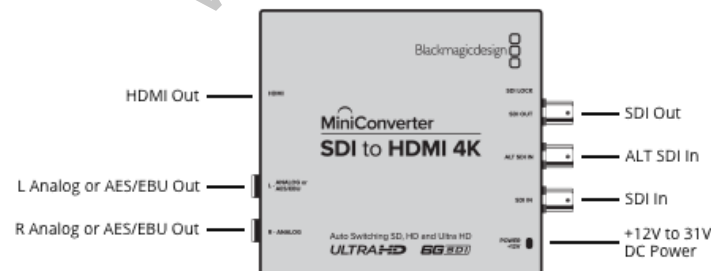
HDMI
 HDMI type A out.

SDI Redundant Input
 Automatically switches over if main SDI input is lost.

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

Updates and Configuration
 USB

Reclocking
 Yes



Software

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

Internal Software Upgrade
 Via included updater application.

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

2K Format Support

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

4K Format Support

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

SDI Compliance

SMPTE 292M, SMPTE 259M, SMPTE 296M, SMPTE 372M, SMPTE 424M and SMPTE 425M.

SDI Video Rates

SDI video connections are switchable between standard definition, high definition and 6G-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

SDI Auto Switching

Automatically detects SD, HD or 6G-SDI.

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

HDMI Color Space

YUV and RGB

HDMI Color Precision

4:2:2 and 4:4:4

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

5.2 Watts

Operational Voltage Range

12 - 30 V DC

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 HDMI 4K

Software CD

12V universal power supply with international socket adapters

Warranty

3 Year Limited Manufacturer's Warranty.

What's Included

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

Warranty

3 Year Limited Manufacturer's Warranty.

Aegis Electronic Group
www.aegiselect.com