

Mini Converter HDMI to SDI 6G



Mini Converter HDMI to SDI 6G includes everything you need to convert from HDMI devices to SDI video in SD, HD and Ultra HD video formats. With independent audio connections you can also embed SDI audio from HDMI, AES/EBU or balanced analog audio inputs. Mini Converter HDMI to SDI 6G is the perfect solution to convert HDMI consumer cameras or computers to broadcast quality SDI!

\$175

Connections

SDI Video Outputs

2 x SDI Video Outputs. Automatically matches the SD, HD and 6G-SDI HDMI video input.

HDMI Video Inputs

HDMI type A in

Analog Audio Inputs

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

Digital Audio Inputs

2 channels of AES/EBU digital audio.

Multi Rate Support

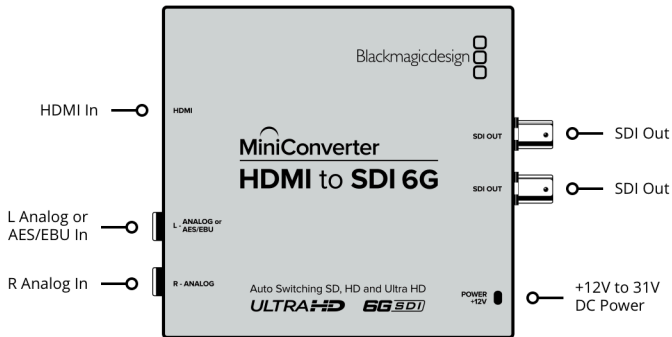
Auto detection of SD, HD or 6G-SDI.

Updates and Configuration

USB

Reclocking

Yes



Standards

SD Video Standards

625i50 PAL, 525i29.97 NTSC

HD Video Standards

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

Ultra HD Video Standards

2160p23.98, 2160p24, 2160p25,
2160p29.97, 2160p30

4K Video Standards

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

SDI Compliance

SMPTE 259M, SMPTE 292M,
SMPTE 296M, SMPTE 372M,
SMPTE 424M, SMPTE 425M,
SMPTE ST-2081, ITU-R BT.656 and
ITU-R BT.601

SDI Video Rates

SDI video inputs are automatically
detected between standard
definition, high definition, 3G-SDI and
6G-SDI. HDMI to SDI 6G supports
level B only on 3G-SDI output.

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 Color Space

YUV

SDI Auto Switching

Automatically detects SD, HD
or 6G-SDI.

HDMI Video Standards

625i50 PAL, 525i29.97 NTSC, 720p50,
720p59.94, 720p60, 1080p23.98,
1080p24, 1080p25, 1080p29.97,
1080p30, 1080p50, 1080p59.94,
1080p60, 1080i50, 1080i59.94,
1080i60, 2160p23.98, 2160p24,
2160p25, 2160p29.97, 2160p30

HDMI Color Space

YUV and RGB

HDMI Color Precision

4:2:2 and 4:4:4

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 and Windows software
upgrade via USB.

Internal Software Upgrade

Via included updater application.

Operating Systems



Mac 10.15 Catalina,
Mac 11.1 Big Sur or later.



Windows 10, 64-bit.

Settings Control

Mini Switches or USB software.

Power Requirements

Power Supply

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

Power Consumption

4.44 Watts

Operational Voltage Range

12 - 18V 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 HDMI to SDI 6G
12V universal power supply with international socket adapters

Warranty

3 Year Limited Manufacturer's Warranty.

Blackmagic Design Authorized Reseller