

# 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!

\$145

## 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

4 channels of AES/EBU digital audio.

### Multi Rate Support

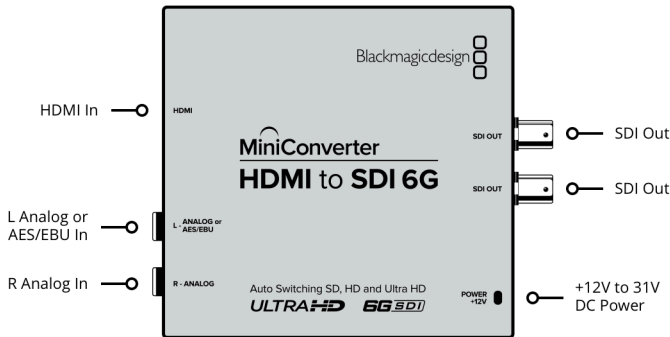
Auto detection of SD, HD or 6G-SDI.

### Updates and Configuration

USB

### Reclocking

Yes



## Standards

### SD Video Standards

625i25 PAL, 525i29.97 NTSC

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### 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

625i25 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.

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## Format Conversion

HD down conversion

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## Software

### Software Control

Mac OS and Windows software  
upgrade via USB.

### Internal Software Upgrade

Via included updater application.

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## Operating Systems



Mac 10.15 Catalina,  
Mac 11.1 Big Sur or later.



Windows 10, 64-bit.

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## Settings Control

Mini Switches or USB software.

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## 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 - 18V DC

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## Physical Specifications



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## 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

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## What's Included

Mini Converter HDMI to SDI 6G  
12V universal power supply with international socket adapters

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## Warranty

3 Year Limited Manufacturer's Warranty.

Blackmagic Design Authorized Reseller