

# Mini Converter SDI to HDMI 6G



Mini Converter SDI to HDMI 6G lets you convert from SDI to HDMI in SD, HD, and Ultra HD formats while de-embedding audio to HDMI, AES/EBU or balanced analog audio. You also get advanced features such as down conversion for monitoring Ultra HD on HD HDMI monitors as well as built in 3D LUTs plus HDMI instant lock for instant video display when an SDI input is connected!

## Connections

### SDI Video Inputs

1 x SD, HD or 6G-SDI. 1 x ALT SDI  
Input for automatic switch over if main input fails.

### SDI Video Outputs

1 x SDI Video Loop Output.

### HDMI Video Outputs

HDMI type A out.

### Analog Audio Outputs

2 channels of balanced analog audio.

### Digital Audio Outputs

2 channels of AES/EBU digital audio

### SDI Redundant Input

Automatically switches over if main SDI input is lost.

### Multi Rate Support

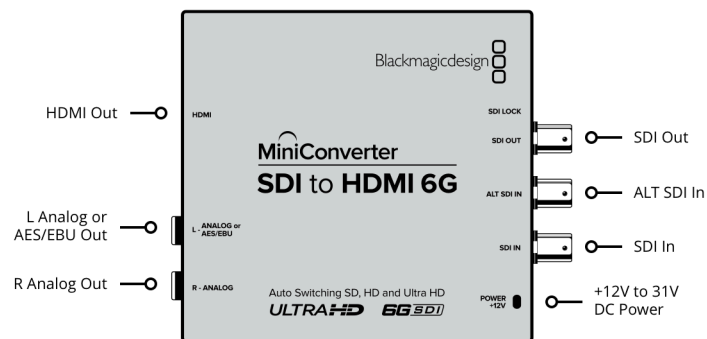
Auto detection of SD, HD or 6G-SDI.

### Updates and Configuration

USB

### Reclocking

Yes



## Standards

### SD Video Standards

625i50 PAL, 525i59.94 NTSC

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**HD Video Standards**

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

**2K Video Standards**

2K DCI 23.98p, 2K DCI 24p,  
2K DCI 25p 2K DCI 23.98PsF,  
2K DCI 24PsF, 2K DCI 25PsF

**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 ST-2081, ITU-R BT.656  
and ITU-R BT.601

**SDI Video Rates**

SDI video inputs are automatically  
detected between standard definition  
and high definition.

**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 Video Standards**

625i50 PAL, 525i59.94 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

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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

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

**Operational Voltage Range**

12 - 18V DC

**Power Consumption**

5.2 Watts

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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 SDI to HDMI 6G

12V universal power supply with international socket adapters

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## Warranty

3 Year Limited Manufacturer's Warranty.

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