

# 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!

## 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 Level A  
or Level B, SMPTE ST-2081,  
ITU-R BT.656 and ITU-R BT.601.

**SDI Video Rates**

SDI video connections are switchable  
between SD, HD, Ultra HD  
and DCI 4K.

**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**

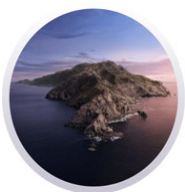
Mac OS and Windows software  
upgrade via USB.

**Internal Software Upgrade**

Via included updater application.

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## Operating Systems



Mac 10.14 Mojave,  
Mac 10.15 Catalina or later.



Windows 8.1 and 10.

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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.

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