

# Mini Converter SDI to Analog 4K



Mini Converter SDI to Analog 4K includes everything you need to convert from SD, HD, 3G and 6G-SDI video to analog in HD/SD component, NTSC and PAL video. The built in down converter means you can even connect Ultra HD sources to component video in SD or HD as well as NTSC and PAL video! Easily connect any analog equipment such as Betacam SP, VHS, and video monitors!

## 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.

### Analog Video Outputs

NTSC, PAL, S-Video and component SD/HD from 6G-SDI input.

### Analog Audio Outputs

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

### Digital Audio Outputs

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

### SDI Redundant Input

Automatically switches over if main SDI input is lost.

### Multi Rate Support

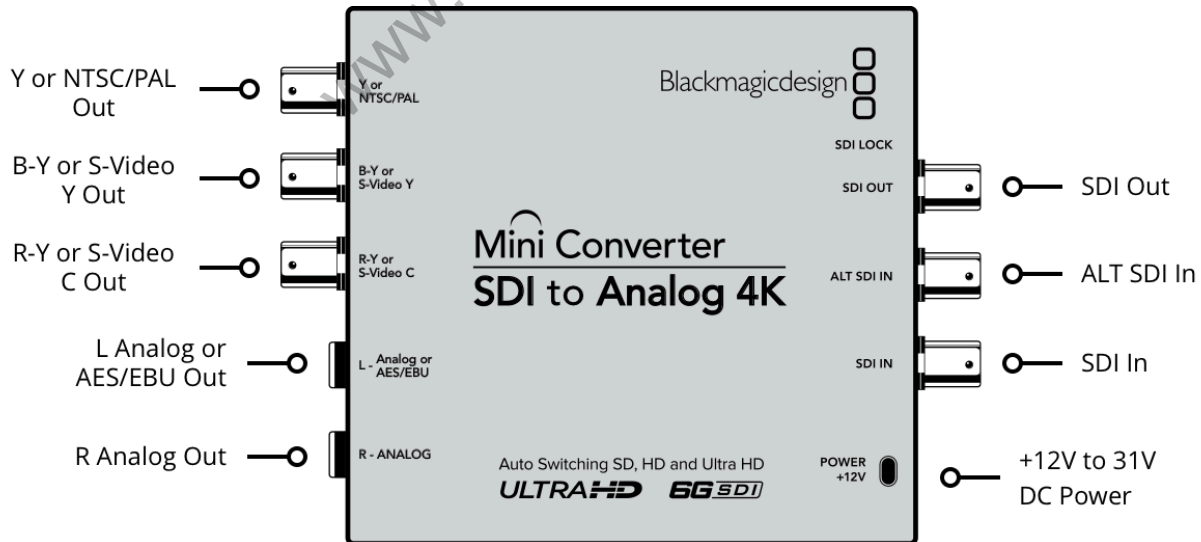
Auto detection of SD, HD or 6G-SDI.

### Updates and Configuration

USB

### Reclocking

Yes



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## Standards

### SD Video Standards

525i59.94 NTSC, 625i50 PAL

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

### Analog Format Support

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

### Analog Color Space

YUV

### Analog Color Precision

4:2:2

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## Format Conversion

HD down conversion

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## Software

### Software Control

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

### Internal Software Upgrade

Via included updater application.

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## Operating Systems



macOS 10.12 Sierra,  
macOS 10.13 High Sierra or later,



Windows 8.1 or Windows 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

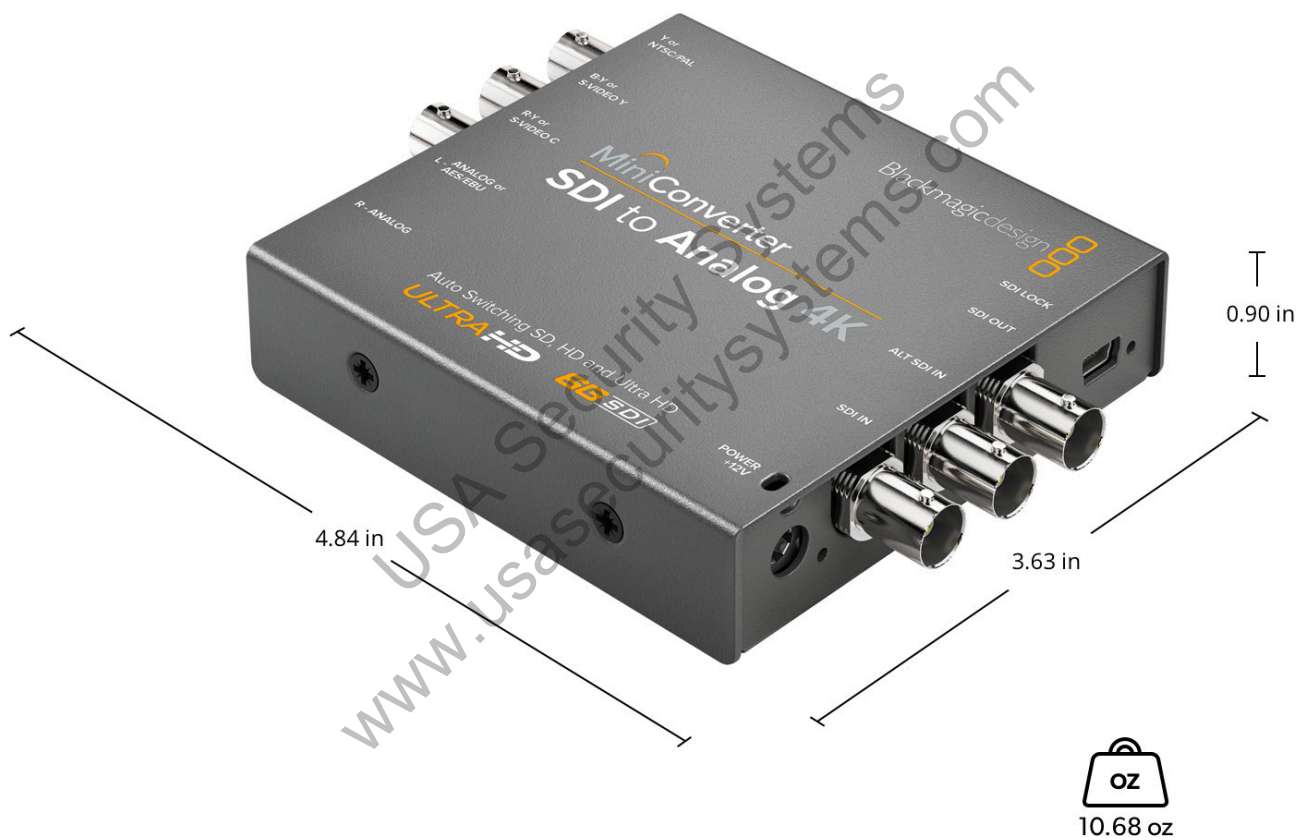
8.04 Watts

### Operational Voltage Range

12 - 31V 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 SDI to Analog 4K

Software CD

12V universal power supply with international socket adapters

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## Warranty

3 Year Limited Manufacturer's Warranty.

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