

Micro Converter SDI to HDMI wPSU

<https://www.blackmagicdesign.com/products/microconverters/techspecs/W-CONU-03>



Description

Convert from SDI to HDMI so you can output video from professional SDI video equipment to consumer HDMI televisions, projectors and more! The multi rate 3G-SDI automatically switches between all SD and HD formats up to 1080p60. You also get 3G-SDI loop through, support for Level A and Level B equipment, and power over USB!

Connections

SDI Video Inputs

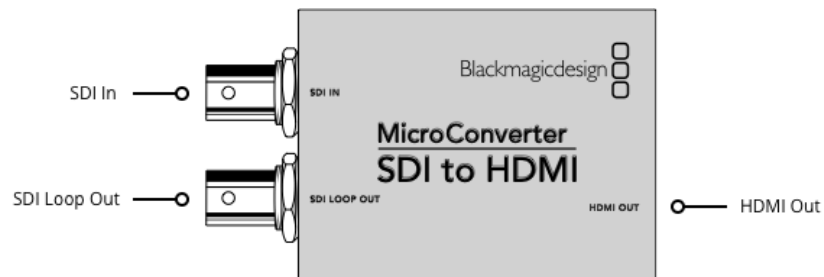
1 x SD, HD or 3G-SDI.

SDI Video Outputs

1 x SDI loop out.

HDMI Outputs

HDMI Type A out.



Multi Rate Support

Auto detection of SD or HD.

Updates, Configurations and Power

Micro USB.

Standards

SDI 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

1080PsF25, 1080PsF29.97, 1080PsF30

1080i50, 1080i59.94, 1080i60

SDI Compliance

SMPTE 259M, SMPTE 292M, SMPTE 296M, SMPTE 372M, SMPTE 424M, SMPTE 425M

SDI Video Rates

SDI video connections are switchable between standard definition, high definition level A and level B 3G-SDI.

SDI Color Precision

4:2:2

SDI Color Space

YUV

SDI Auto Switching

Automatically detects SD, HD

HDMI Video Standards

525i29.97 NTSC, 625i25 P/

720p50, 720p59.94, 720p60

1080p23.98, 1080p24, 1080p25,

1080p30, 1080p50, 1080p60

1080i50, 1080i59.94, 1080i60

HDMI Color Precision

4:2:2

HDMI Color Space

YUV

Software

Software Control

Mac™ and Windows™ software upgrade via micro USB.

Internal Software Upgrade

Via micro USB.

Operating Systems



Mac 10.14 Mojave,
Mac 10.15 Catalina or later.



Windows 8.1 or Windows 10.

Settings Control

Via software utility.

Power Requirements

+5V universal power supply included with international socket adapters for all countries.

Operational Voltage Range
4.4V to 5.25V DC

Power Consumption
1.60 Watts

Environmental Specifications

Operating temperature
0° to 40° C (32° to 104° F)

Relative Humidity
0% to 90% non-condensing

Storage temperature
-20° to 60° C (-4° to 140° F)

Physical Specifications



What's Included

Micro Converter SDI to HDMI wPSU
+5V universal power supply with international socket adapters