

# Micro Converter SDI to HDMI 12G



The world's smallest 12G-SDI to HDMI broadcast quality converter! Blackmagic Micro Converter SDI to HDMI 12G is a miniaturized broadcast quality video converter that's been specifically designed for professional monitoring. It includes a 33 point 3D LUT for color calibrating any monitor, projector or television. Micro Converters feature full size HDMI and professional 12G-SDI connections for working with all NTSC, PAL, 720p, 1080p, 1080PsF, 1080i and 2160p rates, including 4K DCI at 24/47.95/48. You can power it over USB from a television or a mobile phone charger!

**\$145**

## Connections

**SDI Video Inputs**

1

**SDI Video Outputs**

1 x loop out.

**HDMI 2.0 Video Outputs**

1 x type A.

**SDI Rates**

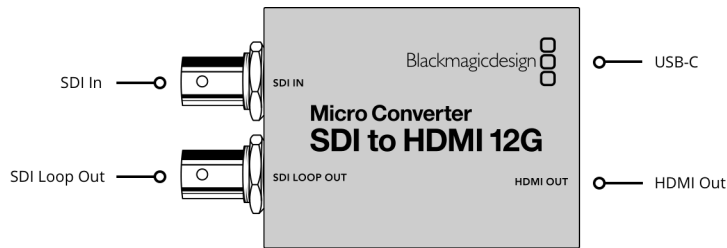
270Mb, 1.5G, 3G, 6G, 12G.

**Multi Rate Support**

Auto detection of SD, HD, 2K, Ultra HD and 4K.

**Updates, Configurations and Power**

USB Type-C.



## Standards

**SD Video Standards**

525i59.94 NTSC, 625i50 PAL

---

### HD Video Standards

720p50, 720p59.94, 720p60  
1080p23.98, 1080p24, 1080p25,  
1080p29.97, 1080p30, 1080p47.95,  
1080p48, 1080p50, 1080p59.94,  
1080p60  
1080PsF25, 1080PsF29.97, 1080PsF30  
1080i50, 1080i59.94, 1080i60

### 2K Video Standards

2Kp23.98 DCI, 2Kp24 DCI, 2Kp25 DCI,  
2Kp29.97 DCI, 2Kp30 DCI,  
2Kp47.95 DCI, 2Kp48 DCI, 2Kp50 DCI,  
2Kp59.94 DCI, 2Kp60 DCI  
2KPsF25 DCI, 2KPsF29.97 DCI,  
2KPsF30 DCI

### Ultra HD Video Standards

2160p23.98, 2160p24, 2160p25,  
2160p29.97, 2160p30, 2160p47.95,  
2160p48, 2160p50, 2160p59.94,  
2160p60

### 4K Video Standards

4Kp23.98 DCI, 4Kp24 DCI, 4Kp25 DCI,  
4Kp29.97 DCI, 4Kp30 DCI,  
4Kp47.95 DCI, 4Kp48 DCI, 4Kp50 DCI,  
4Kp59.94 DCI and 4Kp60 DCI.

### SDI Compliance

SMPTE 259M, SMPTE 292M,  
SMPTE 296M, SMPTE 424M,  
SMPTE 425M, SMPTE 2081-1,  
SMPTE 2081-10, SMPTE 2082-1,  
SMPTE 2082-10, SMPTE 2084  
and SMPTE 2108-1

### SDI Video Rates

SDI video connections are switchable  
between standard definition, 720p,  
1080i, 1080p, 2K DCI, Ultra HD and  
4K DCI.

### SDI Color Precision

4:2:2. A 33 point LUT can be loaded  
via the software utility for calibrating  
or improving monitor color.

### SDI Color Space

YUV

### SDI Auto Switching

Automatically detects SD, HD level A  
or B for 3G-SDI, 2K DCI, Ultra HD and  
4K DCI.

### HDMI Video Standards

525i59.94 NTSC, 625i50 PAL  
720p50, 720p59.94, 720p60  
1080p23.98, 1080p24, 1080p25,  
1080p29.97, 1080p30, 1080p47.95,  
1080p48, 1080p50,  
1080p59.94, 1080p60  
1080i50, 1080i59.94, 1080i60  
2160p23.98, 2160p24, 2160p25,  
2160p29.97, 2160p30, 2160p47.95,  
2160p48, 2160p50,  
2160p59.94, 2160p60  
4Kp23.98 DCI, 4Kp24 DCI, 4Kp25 DCI,  
4Kp29.97 DCI, 4Kp30 DCI,  
4Kp47.95 DCI, 4Kp48 DCI, 4Kp50 DCI,  
4Kp59.94 DCI and 4Kp60 DCI.

### HDMI Color Precision

4:2:2. A 33 point LUT can be loaded  
via the software utility for calibrating  
or improving monitor color.

### HDMI Color Space

YUV

---

## Settings Control

Via MacOS™ and Windows™ software utility connected by USB.

---

## Operating Systems



Mac 10.15 Catalina,  
Mac 11.1 Big Sur or later.



Windows 10, 64-bit.

---

## Software

Internal software upgrade via USB.

---

## Power Requirements

**Power Consumption**  
4W max.

**Operational Voltage Range**  
4.4V to 5.25V DC

---

## Environmental Specifications

**Operating Temperature**  
0° to 40° C (32° to 104° F)

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

**Relative Humidity**  
0% to 90% non-condensing

---

## Physical Specifications



## What's Included

Micro Converter SDI to HDMI 12G

---

## Warranty

3 Year Limited Manufacturer's Warranty.

All items on this website are copyright Blackmagic Design Pty. Ltd. 2023, all rights reserved. All trademarks are property of their respective owners. MSRP includes duties, but excludes sales tax and shipping costs. This website uses remarketing services to advertise on third party websites to previous visitors to our site. You can opt out at any time by changing cookie settings. [Privacy Policy](#)

Blackmagic Design Authorized Reseller