Micro Converter BiDirectional SDI/HDMI 12G wPSU

Now you can convert in both directions simultaneously! Convert SDI to HDMI and HDMI to SDI in any combination of SD, HD or Ultra HD formats all at the same time! Micro Converter BiDirectional SDI/HDMI 12G lets you simultaneously convert SDI to HDMI and HDMI to SDI in all SD, HD and Ultra HD formats up to 2160p60! Each conversion direction can be a different SD, HD or Ultra HD video standard, it's like getting two converters in one! With multi-rate 12G-SDI input and output connections, Micro Converter BiDirectional SDI/HDMI 12G is compatible with virtually all professional broadcast equipment, including level A and B devices. It even automatically detects all SD, HD and Ultra HD formats! Micro Converter BiDirectional SDI/HDMI 12G has all you need to convert HDMI consumer gear to SDI. Use the input to convert HDMI computers or consumer cameras into 12G-SDI, while using the output for monitoring with big screen televisions or projectors! The all metal durable design is perfect for live production and broadcast. Plus it's small enough to be hidden and used anywhere. It can be powered from any USB-C socket, or with the included power supply and international socket adapters!

£159

Connections

SDI Video Inputs
1

SDI Video Outputs
Automatically matches the HDMI video input.

HDMI 2.0 Video Inputs
1 x type A.

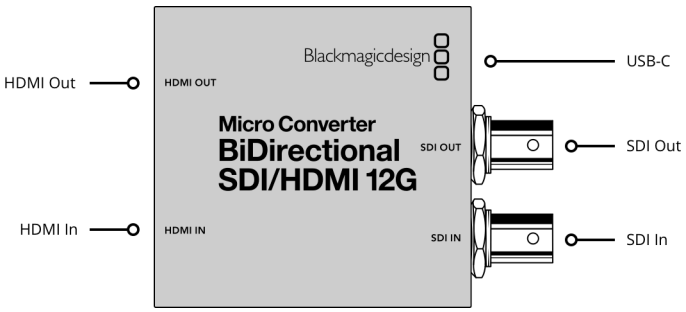
HDMI 2.0 Video Outputs
1 x type A.

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.

Reclocking
Yes



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, 2K DCI, Ultra HD and 4K DCI. Level A and B is automatically detected on 3G-SDI input and user selectable on 3G-SDI output.

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

Copy Protection

HDMI input is unable to capture from copy protected HDMI sources.
Always confirm copyright ownership before capture or distribution of content.

Camera Control

Bidirectional signal conversion supports Blackmagic Camera Control and Tally.

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

Power Consumption
5W max.

Operational Voltage Range
4.4V to 5.25V DC

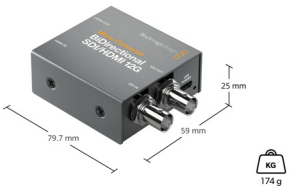
Environmental Specifications

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 BiDirectional SDI/HDMI 12G wPSU
+5V universal power supply with international socket adapters.

Warranty

3 Year Limited Manufacturer's Warranty.

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