Micro Converter
BiDirectional SDI/HDMI

Now you can simultaneously convert SDI to HDMI and HDMI to SDI in any combination of SD and HD formats up to 1080p60 at the same time! Each conversion direction can be a different SD or HD video standard, so it's like getting two converters in one! The multi-rate 3G-SDI input and output connections are compatible with virtually all professional broadcast equipment, including Level A and B devices. It even automatically detects all SD and HD formats.

Connections

**SDI Video Inputs**
1 x SD, HD or 3G-SDI.

**SDI Video Outputs**
Automatically matches the SD, HD or 3G-SDI HDMI video input.

**HDMI Video Inputs**
HDMI Type A in.

**HDMI Outputs**
HDMI Type A out.

**Multi Rate Support**
Auto detection of SD or HD.

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
- 1080i50, 1080i59.94, 1080i60

### SDI Complianc
- SMPTE 259M, SMPTE 292M, SMPTE 296M, SMPTE 372M, SMPTE 424M, SMPTE 425M

### SDI Video Rates
SDI video connections are switchable between standard definition and high definition, and user selectable level A and B via setup utility.

### SDI Color Precision
4:2:2

### SDI Color Space
YUV

### SDI Auto Switching
Automatically detects SD, HD and 3G-SDI

### HDMI Video Standards
- 525i29.97 NTSC, 625i25 PAL
- 720p50, 720p59.94, 720p60
- 1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p50, 1080p59.94, 1080p60
- 1080i50, 1080i59.94, 1080i60

### HDMI Color Precision
4:2:2

### HDMI Color Space
YUV

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**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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**Standards**

**Software Control**
Mac and Windows™ software via micro USB.

**Internal Software Upgrade**
Via micro USB.

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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**

Via software utility.

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**Power Requirements**

<table>
<thead>
<tr>
<th>Power Consumption</th>
<th>Operational Voltage Range</th>
</tr>
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<tbody>
<tr>
<td>2.5W</td>
<td>4.4 to 5.25V DC</td>
</tr>
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</table>
Environmental Specifications

<table>
<thead>
<tr>
<th>Operating temperature</th>
<th>Storage temperature</th>
<th>Relative Humidity</th>
</tr>
</thead>
<tbody>
<tr>
<td>0° to 40°C (32° to 104°F)</td>
<td>-20° to 60°C (-4° to 140°F)</td>
<td>0% to 90% non-condensing</td>
</tr>
</tbody>
</table>

Physical Specifications

What's Included

Micro Converter BiDirectional SDI/HDMI

Warranty

3 Year Limited Manufacturer's Warranty.

Blackmagic Design Authorized Reseller