Mini Converter SDI
Multiplex 4K

The converter you need when converting between Quad Link HD-SDI, Dual Link 3G-SDI and Single Link 6G-SDI Ultra HD equipment. Mini Converter SDI Multiplex 4K includes 4 x 6G-SDI inputs and 4 x 6G-SDI outputs so it can convert in both directions. Also converts between Dual Link HD-SDI 4:4:4 and Single Link 3G-SDI.

Connections

SDI Video Inputs
4 x 1.5Gb/s SDI or 2 x 3G-SDI or 1 x 6G-SDI.

SDI Video Output
4 x 6G-SDI.

Multi Rate Support
Auto detection of SD, HD or 6G-SDI on Input 1

Reclocking
Yes

Updates and Configuration
USB

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

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## 4K Video Standards
- 4K DCI 23.98p, 4K DCI 24p, 4K DCI 25p

### SDI Compliance

## SDI Video Rates
SDI video connections are switchable between standard definition, high definition and 6G-SDI.

### SDI Video Sampling
- 4:2:2 and 4:4:4

### SDI Audio Sampling
- Television standard sample rate of 48 kHz and 24 bit.

### SDI ColorPrecision
- 4:2:2 and 4:4:4

### SDI Color Space
- YUV and RGB

### SDI Auto Switching
- Automatically detects SD, HD or 6G-SDI.

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## Operating Systems

<table>
<thead>
<tr>
<th>Software Control</th>
<th>Internal Software Upgrade</th>
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<tr>
<td>Mac™ and Windows™ software upgrade via USB.</td>
<td>Via included updater application.</td>
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</table>

### Operating Systems
- Mac 10.14 Mojave, Mac 10.15 Catalina or later.
- Windows 8.1 and 10.

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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
- 5.2 Watts

### Operational Voltage Range
- 12 - 31V DC
Physical Specifications

![Mini Converter SDI Multiplex 4K](image)

Environmental Specifications

<table>
<thead>
<tr>
<th></th>
<th>Operating temperature</th>
<th>Storage temperature</th>
<th>Relative Humidity</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Operating temperature</strong></td>
<td>0° to 40° C (32° to 104° F)</td>
<td>-20° to 45° C (-4° to 113° F)</td>
<td>0% to 90% non-condensing</td>
</tr>
</tbody>
</table>

What's Included

Mini Converter SDI Multiplex 4K
12V universal power supply with international socket adapters

Warranty

3 Year Limited Manufacturer's Warranty.
Blackmagic Design Authorized Reseller