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
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 Color Precision
4:2:2 and 4:4:4

SDI Color Space
YUV and RGB

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

Software

Software Control
Mac™ and Windows™ software upgrade via USB.

Internal Software Upgrade
Via included updater application.

Operating Systems

Mac 10.14 Mojave, Mac 10.15 Catalina or later.

Windows 8.1 and 10.

Settings Control
Mini Switches or USB software.

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

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 45° C (-4° to 113° F)</td>
<td>0% to 90% non-condensing</td>
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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