

Mini Converter SDI Multiplex 4K

Technical Specifications

Description

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

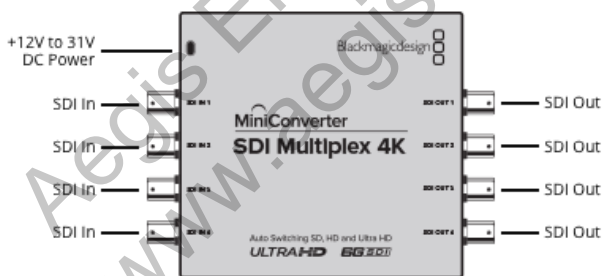
SDI Video Input
4 x 1.5Gb/s SDI or 2 x 3G-SDI or 1 x 6G-SDI.

SDI Video Output
4 x 6G-SDI.

Multiple Rate support
Auto detection of SD, HD or 6G-SDI on Input 1

Updates and Configuration
Via USB 2.0 high speed. (480 Mb/s)

Reclocking
Yes



Standards

SD Format Support
525/29.97 NTSC, 525/23.98 NTSC, 625/25 PAL

HD Format Support
720p50, 720p59.94, 720p60, 1080i50, 1080i59.94, 1080i60, 1080PsF23.98, 1080PsF24, 1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p50, 1080p59.94, 1080p60

2K Format Support
2048x1080PsF23.98, 2048x1080p23.98, 2048x1080PsF24, 2048x1080p24, 2048x1080PsF25, 2048x1080p25

4K Format Support
3840x2160p23.98, 3840x2160p24, 3840x2160p25, 3840x2160p29.97, 3840x2160p30, 4096x2160p24

SDI Compliance
SMPTE 292M, SMPTE 259M, SMPTE 296M, SMPTE 372M, SMPTE 424M and SMPTE 425M.

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

SDI Color Space
YUV and RGB

SDI Auto Switching
Automatically selects between SD, SDI, HD-SDI and 6G-SDI.

Software

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

Internal Software Upgrade
Via included updater application.

Operating Systems



Mac OS X 10.9 Mavericks,
Mac OS X 10.10 Yosemite or later.



Windows 7 or Windows 8.

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 – 30 V DC

Physical Specifications



Environmental Specifications

Operating temperature
0° to 40° C (32° to 104° F)

Storage temperature
-20° to 45° C (-4° to 113° F)

Relative Humidity
0% to 90% non-condensing

What's Included

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

Warranty

3 Year Limited Manufacturer's Warranty.