

## Mini Converter Optical Fiber 4K Technical Specifications

### Description

Now you can convert 6G-SDI to Optical Fiber, and Optical Fiber to 6G-SDI simultaneously. Mini Converter Optical Fiber automatically switches between any SD, HD and Ultra HD video standards and each direction can be completely independent.

### Connections

**SDI Video Input**  
 Switchable between SD, HD and 6G-SDI.

**SDI Video Output**  
 Automatically matches the SD, HD and 6G-SDI optical input.

**Optical Fiber Video Input**  
 1 x 10 bit SD/HD/6G-SDI switchable.

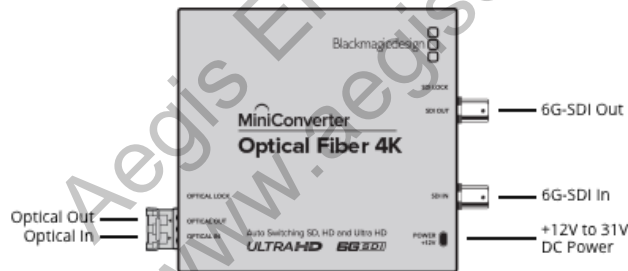
**Optical Fiber Video Output**  
 1 x 10 bit SD/HD/6G-SDI switchable.

**Optical Fiber Audio Input**  
 16 channel embedded.

**Optical Fiber Audio Output**  
 16 channel embedded.

**Multi Rate Support**  
 Auto detection of SD, HD or 6G-SDI.

**Reclocking**  
 Yes



### Standards

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

**HD Format Support**  
 720p50, 720p59.94, 720p60, 1080i50, 1080i59.94, 1080i60, 1080p23.98, 1080PsF23.98, 1080p24, 1080PsF24, 1080p25, 1080PsF25, 1080p29.97, 1080PsF29.97, 1080p30, 1080PsF30, 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 259M, SMPTE 292M, SMPTE 296M, ITU-R BT.656, ITU-R BT.601 and SMPTE 297M for Optical Fiber SDI.

**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.

**ASI Support**  
 Yes

## 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**  
3.84 Watts

**Operational Voltage Range**  
12V

## 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 Optical Fiber 4K  
Software CD  
+12V universal power supply with international socket adapters

## Warranty

3 Year Limited Manufacturer's Warranty.