

Mini Converter Optical Fiber 12G



Mini Converter Optical Fiber 12G converts SDI to optical fiber and optical fiber to SDI in both directions at the same time, you can even have different video standards going in each direction! The 12G-SDI connections are multi rate, which makes it compatible with all SD, HD and Ultra HD formats and equipment up to 2160p60, including Level A and B devices. You can install any standard 3G, 6G or 12G-SDI SFP optical fiber module so you can send SDI using the same low cost optical fiber cables that are commonly used for computer networks.

£129

Connections

SDI Video Inputs

1 x SD, HD and 12G-SDI Video and 1 x Optical Fiber Input.

SDI Video Outputs

Automatically matches the SD, HD and 12G-SDI video input on the Optical Fiber.

Optical Fiber Connection (optional)

1 x SMPTE optical fiber SFP socket.
Optical fiber SFP module sold separately.

Optical Fiber Video Inputs

1 x 10 bit SD/HD/12G-SDI switchable.

Optical Fiber Video Outputs

Automatically matches the SD, HD and 12G-SDI video input.

Optical Fiber Audio Inputs

16 channel embedded.

Optical Fiber Audio Outputs

16 channel embedded.

Multi Rate Support

Auto detection of SD, HD or 12G-SDI.

Reclocking

Yes



Standards

SD Video Standards

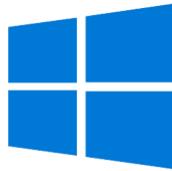
525i59.94 NTSC, 625i50 PAL

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	4K Video Standards 4K DCI 23.98p, 4K DCI 24p, 4K DCI 25p	SDI Audio Sampling Television standard sample rate of 48 kHz and 24-bit.
2K Video Standards 2K DCI 23.98p, 2K DCI 24p, 2K DCI 25p, 2K DCI 23.98PsF, 2K DCI 24PsF, 2K DCI 25PsF	SDI Compliance SMPTE 259M, SMPTE 292M, SMPTE 296M, SMPTE 424M, SMPTE 425M, SMPTE, SMPTE ST-2081, ITU-R BT.656, ITU-R BT.601 and SMPTE 297M for Optical Fiber SDI.	SDI Color Precision 4:2:2 and 4:4:4
Ultra HD Video Standards 2160p23.98, 2160p24, 2160p25, 2160p29.97, 2160p30, 2160p50, 2160p59.94, 2160p60	SDI Video Rates SDI video inputs are automatically detected between standard definition, high definition, level A or level B 3G-SDI, 6G-SDI and 12G-SDI.	SDI Color Space YUV and RGB
	SDI Video Sampling 4:2:2 and 4:4:4	SDI Auto Switching Automatically detects SD, HD or 12G- SDI.
		ASI Support Yes

Operating Systems



Mac 10.15 Catalina,
Mac 11.1 Big Sur or later.



Windows 10, 64-bit.

Settings Control

No user controls.

Power Requirements

Power Supply +12V universal power supply included with international socket adapters for most countries. Cable tie point.	Power Consumption 2 Watts	Operational Voltage Range 6 - 36V DC
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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 12G

+12V universal power supply with international socket adapters

Warranty

3 Year Limited Manufacturer's Warranty.

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