

Connections

SDI Video Input : 1 x 10 bit SD/HD switchable.

SDI Video Output : 1 x 10 bit SD/HD switchable.

HDMI Video Input : 1 x HDMI type A connector.

HDMI Video Output : 1 x HDMI type A connector.

Talkback Audio : 1 x 3.5mm stereo connector for talkback microphone. 1 x 3.5mm stereo connector for stereo headphones, compatible with iPhone headsets.

Analog Audio : 2 x balanced 1/4" TRS connectors (stereo) microphone level in. When connected, replaces audio from SDI In or HDMI In.

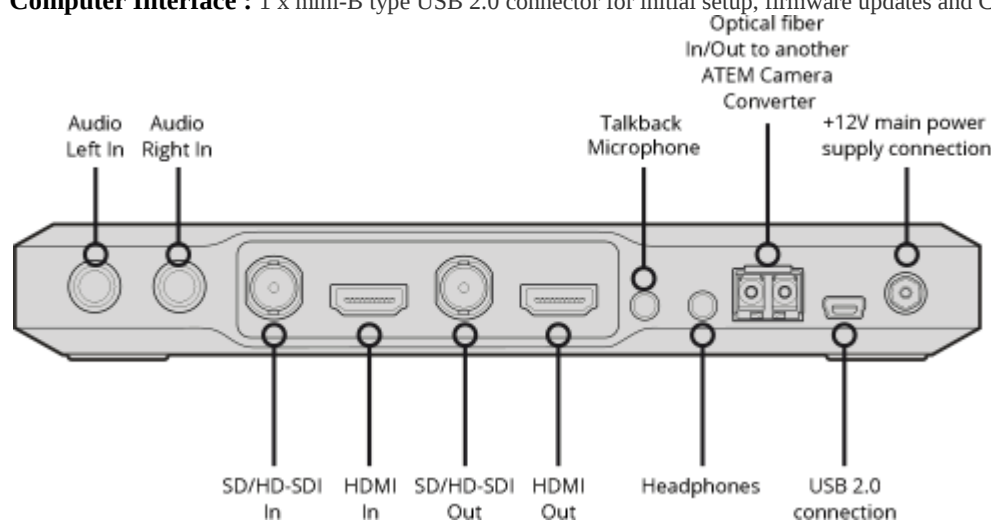
Optical Fiber Video Input : 1 x single mode SD/HD switchable with LC connector.

Optical Fiber Video Output : 1 x single mode SD/HD switchable with LC connector.

Optical Fiber Audio Input : 4 x single mode camera audio inputs with LC connector. Channels 1 & 2 are camera audio. Channels 15 & 16 are intercom audio.

Optical Fiber Audio Output : 4 x single mode camera audio outputs with LC connector. Channels 1 & 2 are camera audio. Channels 15 & 16 are intercom audio.

Computer Interface : 1 x mini-B type USB 2.0 connector for initial setup, firmware updates and Converter Utility software control.



Standards

SDI Format Support : 525i59.94, 625i50, 720p50, 720p59.94, 720p60, 1080i50, 1080i59.94, 1080i60, 1080PsF23.98, 1080PsF24, 1080PsF25, 1080PsF29.97, 1080PsF30, 1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p50, 1080p59.94, 1080p60, 2048x1080p/23.98, 2048x1080p/24, 2048x1080p/25, 2048x1080PsF/23.98, 2048x1080PsF/24, 2048x1080PsF/25, 2048x1556PsF/23.98, 2048x1556PsF/24, 2048x1556PsF/25.

HDMI Format Support : 525i59.94, 625i50, 720p50, 720p59.94, 720p60, 1080i50, 1080i59.94, 1080i60, 1080PsF23.98, 1080PsF24, 1080PsF25, 1080PsF29.97, 1080PsF30, 1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p50, 1080p59.94, 1080p60.

SDI Compliance : SMPTE 259M, SMPTE 292M.

Audio Sampling : Television standard sample rate of 48Khz, 24 bit A/D conversion.

Video Sampling : 4:2:2

Color Precision : 10-bit

Color Space : REC 601, REC 709

Multiple Rate support : SDI and HDMI are switchable between standard definition and high definition

Software

Software Included : Converter Utility.

Operating Systems : Mac OS X 10.7 Lion or later, and Mac OS X 10.8 Mountain Lion or later. Windows 7 or Windows 8.

Power Supply : 12V power supply included with international socket adaptors for all countries.



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

Warranty

3 Year Limited Manufacturer's Warranty. Excluding connectors, cables, cooling fans, fiber optic modules, fuses, keyboards and batteries which will be free from defects in materials and workmanship for a period of 12 months from the date of purchase.