

# ATEM Camera Converter



Get everything you need for cameras in live production with a single converter! Connect your camera's SDI or HDMI outputs for conversion to optical fiber, while your switcher program feed can be fed back via optical fiber for camera monitoring. ATEM Camera Converter includes an internal battery, talkback, tally, and microphone inputs!

## 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

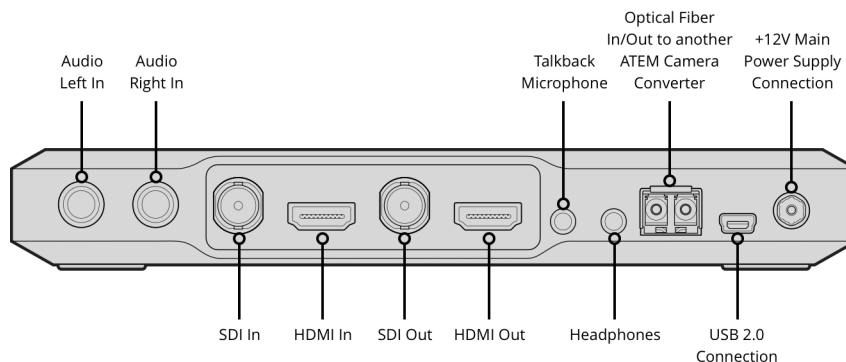
1 x single mode camera audio inputs with LC connector. Channels 1 & 2 are camera audio. Channels 15 & 16 are intercom audio.

### Optical Fiber Audio Output

1 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.



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## Standards

### SDI Format Support

525i59.94 NTSC, 625i50 PAL  
720p50, 720p59.94, 720p60  
1080p23.98, 1080p24, 1080p25,  
1080p29.97, 1080p30, 1080p50,  
1080p59.94, 1080p60

### 2K Format Support

1 2K DCI 24p, 2K DCI 25p

### HDMI Format Support

720p50, 720p59.94, 720p60  
1080p23.98, 1080p24, 1080p25,  
1080p29.97, 1080p30, 1080p50,  
1080p59.94, 1080p60  
1080i50, 59.94, 60

### 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

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## Software

### Software Included

Converter Utility.

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## Operating Systems



Mac 10.11 El Capitan,  
Mac 10.12 Sierra or later.



Windows 8.1 and 10.

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## Power Requirements

### Power Supply

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

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## Physical Specifications



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## 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

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## What's Included

ATEM Camera Converter

SD card with software and manual

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## 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.

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