



Blackmagic Design ATEM Camera Converter

ProdCode: **BMDSWRCONV**

Optic fibre camera controller with tally and intercom

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Features

- Broadcast and Consumer Connections

- **Optical Fiber Link**

Optical fiber is the perfect connection because it's used in computer networking and is common, affordable and easy to purchase! ATEM Camera Converter uses a single mode optical fiber pair with LC type connectors, so you get the freedom to connect your cameras up to 147,000 feet or 45KM from your switcher! That blows away the 300 feet limitation of SDI cable, so you can place cameras close to the action! Optical fiber is low cost, thin, and lightweight, plus is fully compatible with broadcast optical fiber SDI products.

- **Includes Talkback**

In live production it's critical for your camera operators to talk to the switcher operator so you can work as a team! ATEM Camera Converter includes talkback using low cost PC headsets or iPhone-compatible headphones, so each camera can communicate with the director at the switcher. ATEM Camera Converter talkback works by embedding the microphone audio into channels 15 and 16 of the camera optical fiber video output and listening to channels 15 and 16 of the optical fiber input on the headphones. You even get press to talk PTT and headphone level buttons on the keypad!

- **Battery or AC Powered**

ATEM Camera Converter includes a standard 12 volt input that supports

operation up to 30 volt DC. That let's you use a wide range of power sources or even a car battery! You get a built in battery that lasts for hours and is recharged when plugged into a power supply. The 12V power connection uses a standard connector, so if you lose your power supply you can simply purchase one from any electrical retailer. If your power connection ever fails during a live event, the internal battery is automatically used to keep the ATEM Camera Converter operating! It's just like a built in UPS!

- **Built In Tally**

Now you can clearly see when your cameras are on air! ATEM Camera Converter uses an open standard tally packet in the SDI output on any ATEM switcher to illuminate 2 built in tally LEDs! All you need to do is connect the ATEM switcher's program output to the ATEM Camera Converter via the return optical fiber feed! Then simply select the camera number via USB software or using the camera number button on the keypad. If you have external monitoring plugged into the HDMI or SDI outputs, you can even display a red tally border on your monitor!

- **Belt Clip or Camera Mount**

When you need to move around, ATEM Camera Converter is perfect because it moves with you! With an integrated belt clip, you can simply snap it onto your belt, connect the cables, and move around with ease. If you're using a tripod, it's easy to strap ATEM Camera Converter onto the tripod beside your camera. When your camera is located in remote locations without power, the built in battery will keep you going for hours! Or, when power is available, plug in the power and use the internal battery as a built in UPS!

Extend SDI or HDMI camera feeds over 28 miles

Extend the effective cable length of SDI or HDMI-based cameras using low cost optical fibre. Imagine connecting to cameras at remote locations on racing tracks, live sporting venues or even massive golf courses! Now with ATEM Camera Converter you can have more cameras closer to the action for the most amazing shots in live production. ATEM Camera Converter not only converts your camera to optical fiber, but it also includes talkback, external microphone input, program return feed, tally and built in battery power source! Now you can place cameras in multiple locations miles away from your switcher while keeping full broadcast HD video quality.

Professional Multi-Camera Production

ATEM Camera Converter gives you essential tools for live production in a single converter. Connect your camera to the SDI or HDMI inputs to convert to optical fiber, and connect your switcher program feed to the optical fiber input to convert to SDI and HDMI for monitoring. The SDI and HDMI monitoring outputs can be switched between your camera input or optical fiber input! Professional local microphone inputs are included. ATEM Camera Converter also includes an internal battery for remote use when your cameras are located far away from power sources, as well as built in talkback and tally!

Optical Fiber Link

Optical fiber is the perfect connection because it's used in computer networking and is common, affordable and easy to purchase! ATEM Camera Converter uses a single mode optical fiber pair with LC type connectors, so you get the freedom to connect your cameras up to 147,000 feet or 45KM from your switcher!

Includes Talkback

In live production it's critical for your camera operators to talk to the switcher operator so you can work as a team! ATEM Camera Converter includes talkback using low cost PC headsets or iPhone-compatible headphones, so each camera can communicate with the director at the switcher.

Broadcast & Consumer Connections

ATEM Camera Converter connects to both HDMI and SDI video cameras! Video and audio are embedded into the optical fiber output, and microphone inputs are included for the ultimate in audio flexibility. That's perfect when you need higher quality or wireless microphones on your cameras!

Perfect For All Types Of Events!

ATEM Camera Converter uses optical fiber for its connection, so you get long distances combined with full uncompressed HD video quality. This lets you move your cameras farther away from your switcher and closer to the action! Imagine placing a camera at the end of drag racing strip, at the starting gate of a horse race, or even at the far end of a golf course! Even low cost consumer HD cameras look amazing when used with ATEM Camera Converter! ATEM Camera Converter is perfect for concerts, sporting events or even lecture theaters, houses of worship, surveillance, or any remote camera location!

Ultra Tough Design

ATEM Camera Converter is designed tough enough for the rigors of life on the road! For incredible strength, ATEM Camera Converter is machined from a solid billet of aircraft-grade aluminum with recessed connectors and a button control panel. This results in an incredibly strong design that can handle bumps and knocks without breaking. ATEM Camera Converter includes a side mounted clip, so you can hang it from your belt for maximum portability, then simply plug in your headset, camera and optical link! The built in button pad gives you control over power, microphone level, talkback and video, as well as battery indicators. You even get a USB port for software updates!

Belt Clip or Camera Mount

When you need to move around, ATEM Camera Converter is perfect because it moves with you! With an integrated belt clip, you can simply snap it onto your belt, connect the cables, and move around with ease.

Built in Tally

Now you can clearly see when your cameras are "on air"! ATEM Camera Converter uses an open standard tally packet in the SDI output on any ATEM switcher to illuminate 2 built in tally LEDs!

Battery or AC Powered

ATEM Camera Converter includes a standard 12 volt input that supports operation up to 30 volt DC. That lets you use a wide range of power sources or even a car battery!

Designed for Live Production

Now you can eliminate multiple boxes hanging off your camera that limit your mobility, because ATEM Camera Converter includes everything you need for operating a camera in a live production. You get a simple solution that's really 4 converters in one! The built in keyboard is located on the top, so it's easy to adjust. ATEM Camera Converter even adjusts the microphone audio level smoothly, so when adjusted on air you won't notice the level change! ATEM Camera Converter is fully bi-directional, so you can connect both your camera and a return program feed to the switcher at the same time!

Broadcast Quality

ATEM Camera Converter might be affordable, but it's got full broadcast quality with 10-bit video data paths, HD-SDI video technology and support for optical fiber SDI with a high quality laser driver for long distance connections. You get a solid design that looks great, but protects the connectors and keyboard from damage during live production use. Only ATEM Camera Converter gives you the best video technology available, so you get incredible quality HD video to your switcher for a true broadcast production standard.

In the box:

- ATEM Camera Converter
- Software SD Card

