The Blackmagic Camera Fiber Converter lets you extend and power your URSA Broadcast from up to 2 km away using industry standard SMPTE fiber cables. It also includes common live camera controls with multiple channels of talkback and standard television industry talkback headset connections. The Blackmagic Camera Fiber Converter features 1 Ultra HD camera feed, plus 3 HD return feeds in a compact IP video based design.

$2,995

Connections

**Optical Fiber Input**
1x SMPTE Hybrid Fiber Optic with SMPTE 304 connector (Male).

**SDI Video Input**
1x 12G SDI for Camera feed.

**SDI Video Output**
1x 3G SDI for Camera return feed, 3x 3G SDI for Return SDI Outputs.

**Talkback Audio**
2x 5-pin XLR for headset with three way audio mixer per output, 1x Tracker output.

**Analog Audio**
2x 3-pin XLR Inputs for AES, Line or Mic input. Phantom Power available.

**Computer Interface**
1x USB-C connector.
Standards

**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

**Ultra HD Video Standards**
- 2160p23.98, 2160p24, 2160p25, 2160p29.97, 2160p30, 2160p60

**SDI Compliance**
- SMPTE 259M, SMPTE 292M, 296M, 372M, 424M Level B, 425M.

**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 709, REC 2020.

**Multiple Rate Support**
SDI switches between HD, 3G-SDI, 6G-SDI and 12G-SDI.

Software

**Software Included**
- Camera Utility for firmware update.

Operating Systems

- Mac 10.11 El Capitan, Mac 10.12 Sierra or later.
- Windows 8.1 or Windows 10.
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

Blackmagic Camera Fiber Converter
Mounting Bracket and screws for attaching to URSA Mini and URSA Broadcast cameras
3x Short 12G SDI cables for SDI In and Out connection to URSA Mini and URSA Broadcast
SD card with software and manual
Warranty

1 Year Limited Manufacturer’s Warranty.