

Blackmagic Camera Fiber Converter

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.

£2,275

Connections

Optical Fiber Input

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

SDI Video Output

1x 12G SDI for Camera return feed, 3x 3G SDI for Return SDI Outputs.

Analog Audio

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

SDI Video Input

1x 12G SDI for Camera feed.

Talkback Audio

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

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 OS X 10.11 El Capitan,
macOS 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 connectiong to URSA Mini and
URSA Broadcast

SD card with software and manual

Warranty

1 Year Limited Manufacturer's
Warranty.

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