Fiber Camera Box 12G

Compact dual-channel optical converter that transforms a 4K SDI In + 4K SDI Out 12G signal into a single optical fiber cable through a robust Neutrik OpticalCON Duo connector.

Description

Two cables in one — for efficiency and long distances

Pulling two SDI cables (one for input, one for the return feed) to every camera is time-consuming. The Fiber Camera Box merges these two cables into one optical fiber cable that's lighter and much more reliable than copper BNC — insensitive to electromagnetic interference. Run your fiber cable over thousands of metres with zero dropouts, in 4K.

Rugged converter, designed for field use

Compact aluminium body with a V-Lock clamp — ideal for on-camera use. The SDI Input + SDI Output let the camera operator receive the program video (or any other video) from the control room. The Blackmagic Camera Control & Talkback protocol is supported, making it a great companion for URSA Broadcast, URSA Mini, and Studio Camera 4K Pro. A D-Tap-to-barrel 12 V cable is included so you can power the converter from your camera.

Industry-standard fiber connector

The Neutrik OpticalCON Duo connector makes this converter compatible with both widespread LC / LC fiber cables and the rugged OpticalCON Advanced Duo / Duo Lite cables by Neutrik, designed for field use and tough handling. The connector has a built-in automatic shutter that protects the fiber cores as soon as the cable is disconnected.

Many possibilities with the Middle Fiber products

Paired with a Fiber Dispatch, a Fiber Unite, or a Fiber Bridge, the Fiber Camera Box unlocks many configurations that will greatly improve your day-to-day multi-camera workflow.

Technical specifications

SKU	MT-FIBCAMBOX12G
EAN-13	3770018577418
I/O connections	12–24 V DC IN, SDI IN, SDI OUT, Neutrik OpticalCON Duo LC
Input voltage	12–24 V DC
Fiber type	Single Mode
Length	18 cm / 7.1 in

Width	10.5 cm / 3.95 in
Depth	3.5 cm / 1.2 in
Weight	360 g / 0.79 lbs
Storage temperature	–10 to 60 °C / 14 to 140 °F
Package weight	0.5 kg / 1.1 lb
Box dimensions (LxWxH)	20 × 14 × 8 cm · 7.87″ × 5.5″ × 3.1″

In the Box

- 1x Fiber Camera Box SDI 12G
- 1x DC 12 V to D-Tap cable
- 2x 30 cm BNC cables
- 1x V-Lock mount adapter

Compatibility

The Fiber Camera Box 12G can be used with the following:

- Middle Things Fiber Dispatch 5 12G
- Middle Things Fiber Bridge 5
- Middle Things Fiber Bridge 10
- Blackmagic Mini Converter Optical Fiber 12G (with 12G SFP modules)

Supported SDI video signals are 3G, 6G, and 12G (max 2160p60).

Warranty

Limited 1-Year Manufacturer Warranty

Product photos