Fiber Unite 10 12G

Built for on-location multi-camera workflows in mind, the Fiber Unite 10 merges 10 pairs of SDI In/Out 4K video signals and a LAN connection into a single 12 channel optical cable : Neutrik opticalCON MTP® 12.

Description

21 cables merged in just one.

Ever felt the time-consuming task of pulling so many cable drums from the control room to the stage ? With the Fiber Unite 10 converter, you can merge up to 10 pairs of 4K SDI IN / SDI Out signals + a LAN connection into one single 12 channel MTP® 12 fiber cable. You can connect the other end of the MTP® 12 cable into another Unite 10 module that will demerge into 10 SDI In/Out Pairs + LAN.

A multichannel optical cable is lighter and much more reliable than a traditional copper BNC cable since it is insensitive to all electromagnetic interferences. You can run your fiber cable over several kilometres with zero dropouts.

Standard 2U rack design

Thanks to a compact 2U rack design, the Fiber Unite converter will sit perfectly inside your existing video rack, allowing you to connect to another Fiber Unite 10 module through a single cable.

Rugged fiber connector

The opticalCON MTP® 12 connector makes the Unite compatible with the rugged opticalCON MTP® 12 cable drums by Neutrik, designed for field use and tough handling. The connector has a built-in automatic shutter that protects the 12 fiber cores as soon as the cable is disconnected.

Open to customization (10G Lan, etc)

Are there any specific requirements that are not met by the current configuration of our product? Please do not hesitate to reach out to us! We offer customized solutions tailored to your needs, such as replacing the LAN port at the back with an LC Duo fiber, upgrading from 1G LAN to 10G, and much more!

Technical specifications

SKU	MT-FIB10XUNITE12G
EAN-13	3770018577456
I/O connections	10x SDI In, 10x SDI Out, 1x Neutrik opticalCON MTP® 12, 1x LAN 1G , AC Power.
Input Voltage	85V ~ 264V AC
Power Consumption	40W
Fiber type	Single Mode
LAN support	10/100/1000Mbps Full/Half Duplex

Height	8.89cm / 3.5 inch
Width	48cm /18.9 inch
Depth	22.5cm / 8.9 inch
Weight	3.4kg / 7.5 lbs
Storage Temperature	14 to 140°F / -10 to 60°C
Package Weight	3.6kg / 7.9 lb
Box Dimensions (LxWxH)	52cm x 25cm x 16cm | 20.5″x 9.84″ x 6.30″

In the Box

- 1x 2U Fiber Unite 10 12G

Compatibility

The Fiber Unite 10 can be used with the Middle Things Fiber Unite 10 12G. It supports opticalCON MTP® 12 Cables. Supported SDI video signals are 3G, 6G, and 12G (max 2160p60)

Warranty

Limited 1-Year Manufacturer Warranty

Product photos