



Optical Fiber Infrastructure

- Long Distance Fiber Extension
- Signal Conversion
- AV Over IP Networking
- Multi-Signal Viewing



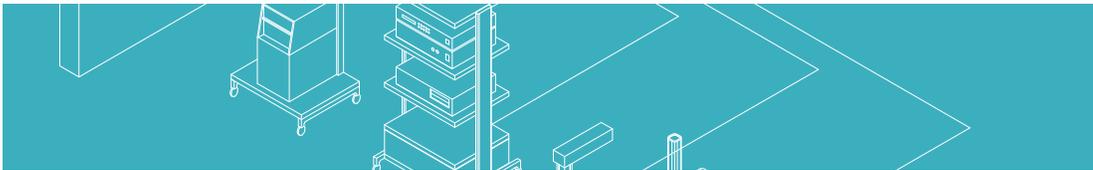
OpHIT offers you MORE!

- More reliability
- More support
- More technological experience
- More product stability
- More global installations

ophitusa.com

OPHIT Fiber Extenders

These products offer long distances without signal degradation, are immune to electromagnetic interference (EMI), designed with compact sizes for easy installation, and are favored in professional AV, government, military, and medical environments (secure).



OPHIT FTDS

4K Fiber Optic/DisplayPort Extenders

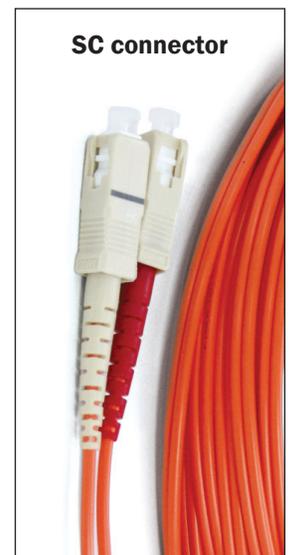
- DisplayPort standard V1.2a.
- Up to 200 meters (656 ft.) between source and destination.
- 3840 × 2160 or 4096 × 2160 @60Hz resolution.
- External power supply (TX, RX).
- DPCP or HDCP compliant.



OPHIT FTHS

4K Fiber Optic/HDMI Extenders

- HDMI standard V2.0a.
- Up to 200 meters (656 ft.) between source and destination.
- 3840 × 2160 or 4096 × 2160 @60Hz resolution.
- External power supply (TX, RX).
- HDCP compliant.



4K Optical Extender Rack Mount



- Holds 4K modules with SC connectors.
- 19 inches 2U, eight slots available.
- Mix/match FTDS and FTSH transmitters/receivers.
- Dual power supplies with LED status.

4K Fiber Optic/12G SDI Extenders

- SD-SDI, HD-SDI, 3G-SDI, 6G-SDI and 12G SDI.
- 3840 × 2160 @60Hz resolution.
- External power supply (TX, RX).
- Up to 5 km* between source and destination.

*Single mode fiber. For multimode OM3 fiber, max length is 100m.

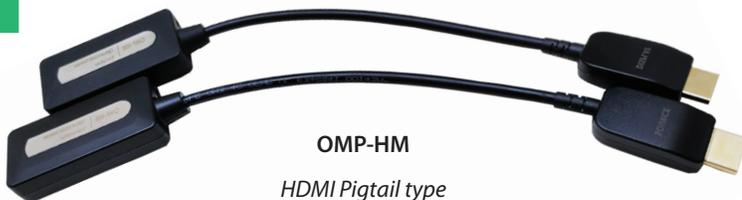


Fiber Optic/HDMI Extenders

- High speed, long distance up to 100M.
- Supports OM3 fiber with 8 core MPO type connector.
- OMP-HM, 7680 × 4320 @60Hz resolution, HDMI 2.1 compatible.
- OMB-HM, 3840 × 2160 @60Hz resolution, HDMI 2.0 compatible.
- CEC, EDID, HDCP compliant.



OMB-HM
HDMI Standalone type



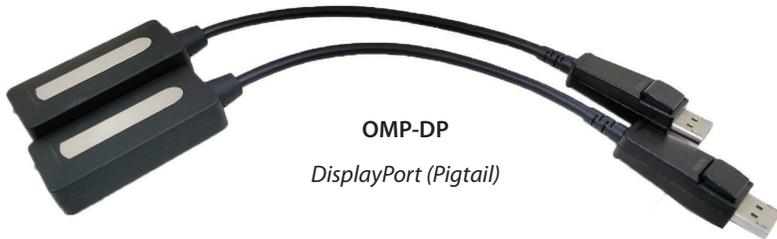
OMP-HM
HDMI Pigtail type

8K Fiber Optic/DisplayPort Extenders

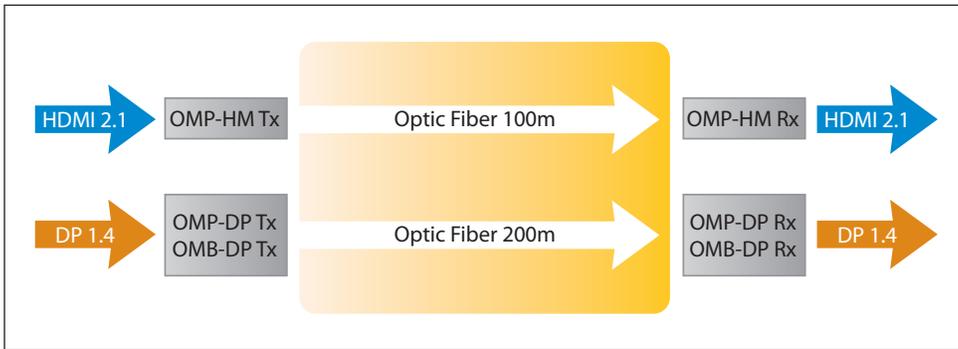
- 8K-4K up to 7680 x 4320.
- DisplayPort 1.4 compatible.
- High speed, long distance up to 200m.
- Compact and flexible.
- DisplayPort configuration data (DPCD) compliant.



OMB-DP
DisplayPort (Box)

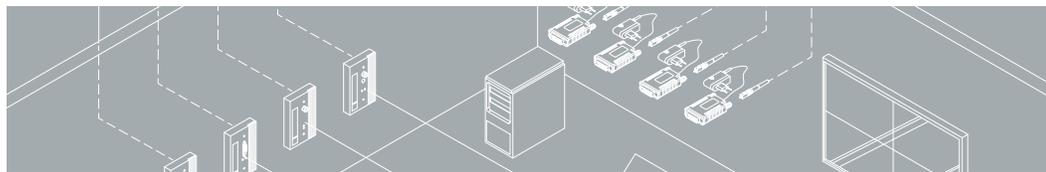


OMP-DP
DisplayPort (Pigtail)



MPO
connector

Opहित extenders using MPO connectors have specific polarity requirements.
MPO Type A: OMP-HM, OMB-HM
MPO Type B: OMP-DP, OMB-DP



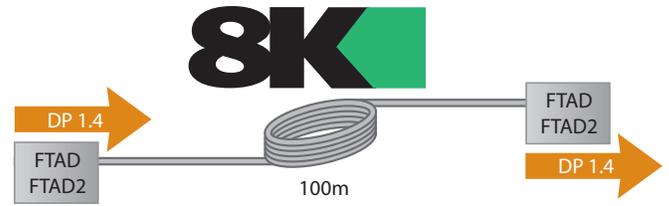
8K Optical Extender Rack Mount

- Holds 8K and 4K modules with MPO connectors.
- 19 inches 2U, eight slots available.
- Mix/match up to eight OMB-DP and OMB-HM transmitters/receivers in the same mount.
- Dual power supplies with LED status.



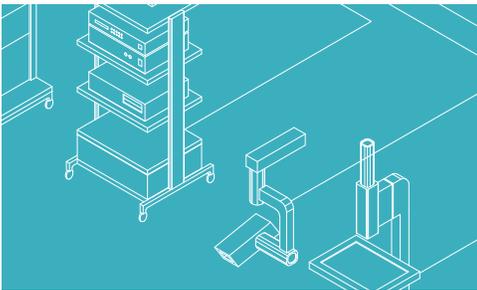
FTAD and **FTAD2** allow for a DisplayPort compliant display device to be located up to 100 meters (330 feet) away from a host.

8K UHD (7680 × 4320 @60Hz) resolution signals can be transmitted using the DisplayPort standard while maintaining signal integrity.



OPHIT FTAD

Active Optical Cable with DisplayPort



- UL listed.
- Plenum rated.
- High speed, long distance transmission.
- Use of the standard DisplayPort source-sink connector.
- MMF optical fiber plus copper hybrid cable structure.
- High bit rate cable assembly, with data rates up to 32.4Gbs.
- AUX and Hot Plug channels transmitted by copper line.
- No external power requirements.
- DPCD/HDCP compliance.

OPHIT FTAD2

Active Optical Cable with DisplayPort (detachable)

Easy Installation!
Mini DP plug connects to standard DP plug.

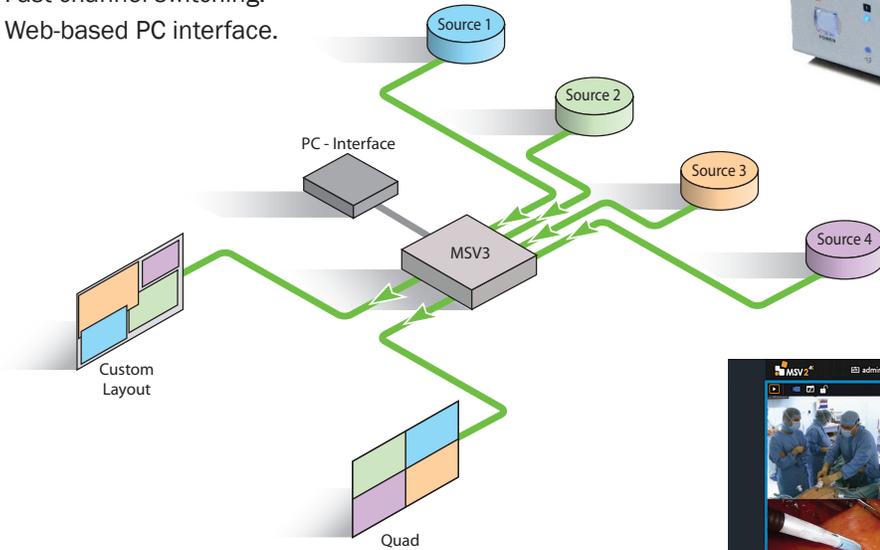


OPHIT OWM-DP • OMW-HM
COMING SOON!
8K Optical Extenders

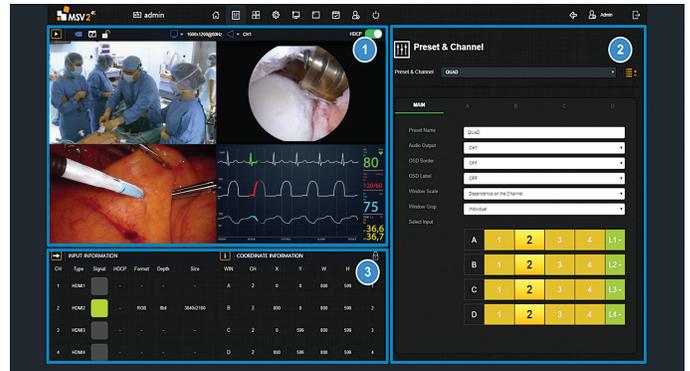
- HDMI 2.1 and DisplayPort 2.1 up to 8K@60.
- SC Multimode Fiber.

4K Multi Scaler Viewer with Preset or Custom Layouts

- HDR ready, HDMI 1.4/2.0.
- 4 inputs, 2 outputs.
- Display multiple images on one screen.
- Preset or custom layouts.
- Fast channel switching.
- Web-based PC interface.

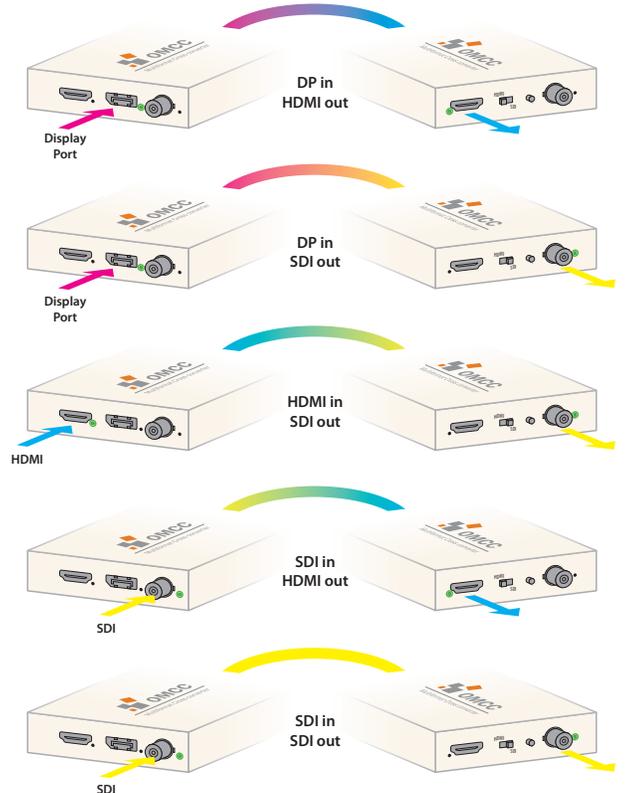


MSV3 user interface dashboard.



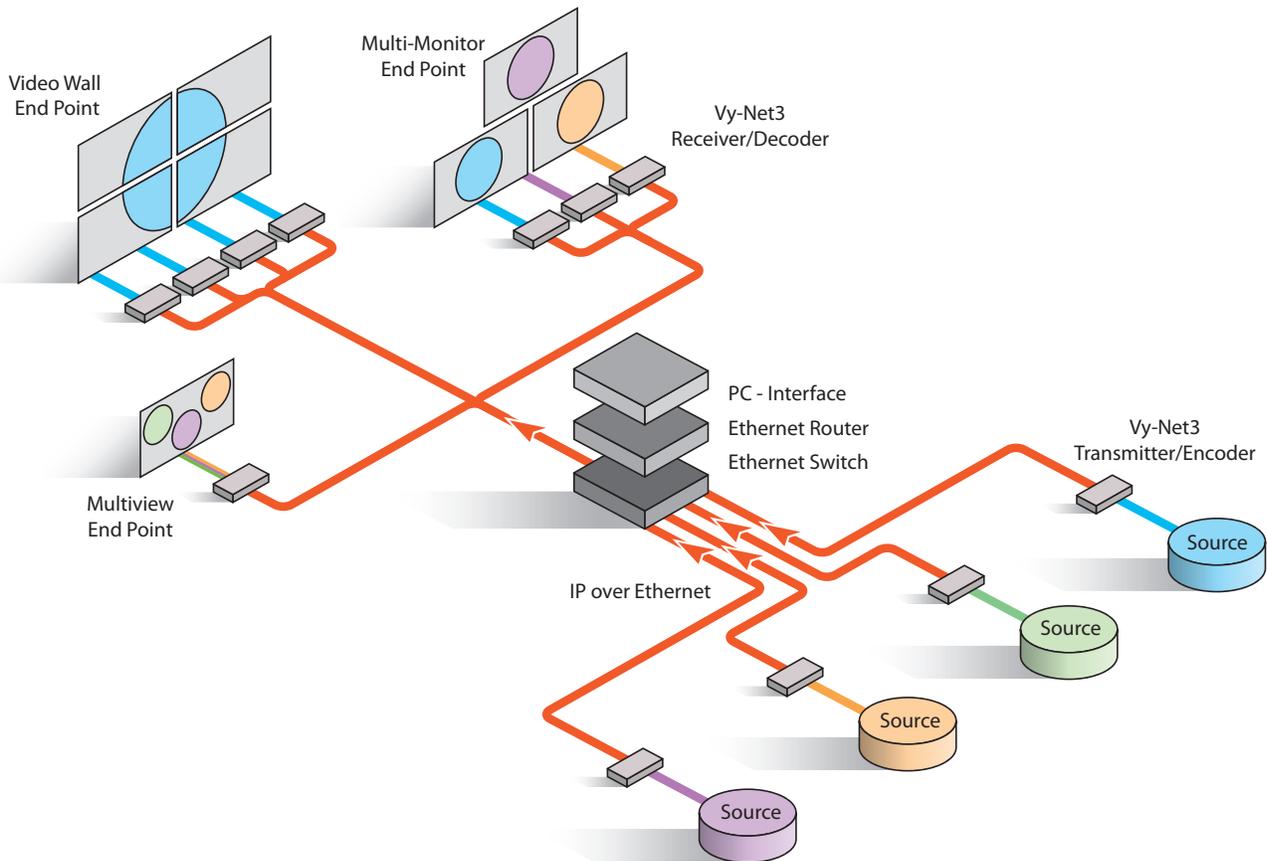
4K Multi-Format Cross Converter

- HDMI or DisplayPort to SDI format in 12G, 6G, 3G and HD with SDI bypass function.
- DisplayPort 1.2 and 12G SDI input can also be converted to HDMI 2.0.
- Push switch to select the input video format.
- Slide switch to select the output video format.
- LED indicator for lock status.



Expandable Video Over IP Network

- Connects video sources to end-point destinations.
- Compatible with SDVoE 4K over 10G SFP+.
- Receiver/Transmitter (input/output) in one box.
- HDMI/SDI/DP inputs selected by switch.
- HDMI output.
- Analog audio input/output.
- Control options GPO, RS232, USB for KVM.

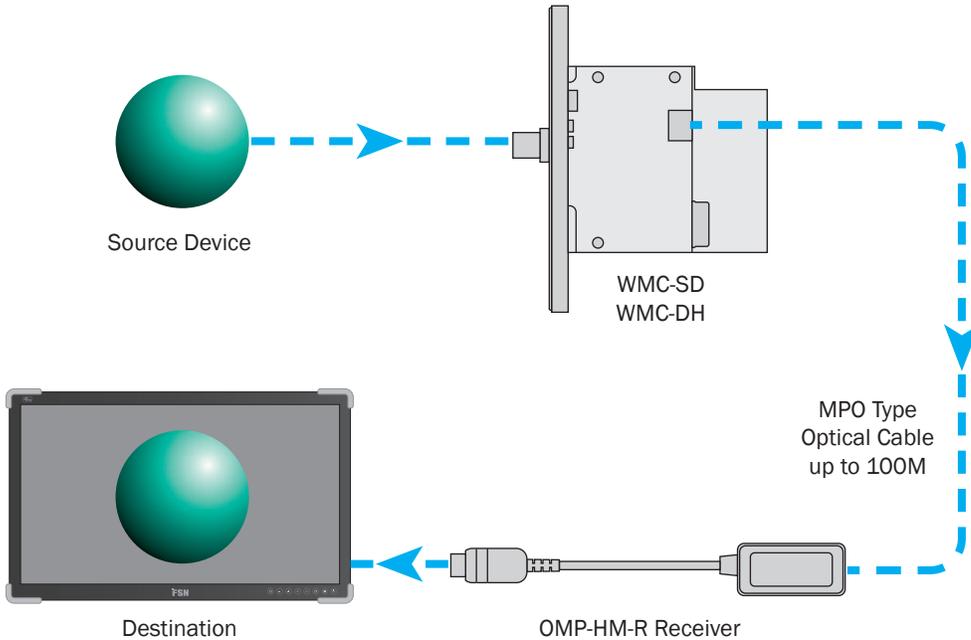


Expandable Video Over IP Network

- Connects video sources to end-point destinations.
- 4K@60 VoIP via 1GbE, SFP, RJ45.
- Visually lossless compression: Latency Time ~1 Frame.
- HDR, ARC, 1:1 and 1:n networking.
- USB support for KVM switch.
- Front panel OLED screen.

OPHIT WMC-SD • WMC-DH
4K Single-Format Wall Plate Converter

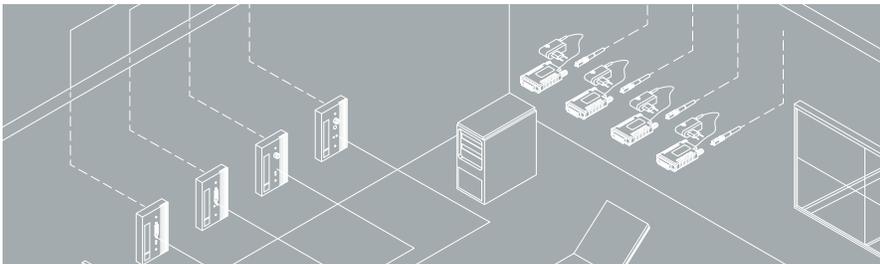
- WMC-SD converts 12G-SDI to 4K HDMI.
- WMC-DH converts 4K DP/HDMI to 4K HDMI.
- MPO type output connectors.



WMC-SD



WMC-DH



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