

HDMI Extender Over Fiber

4K60 HDMI Extender over Fiber with Duplex LC Multimode Port, 300m

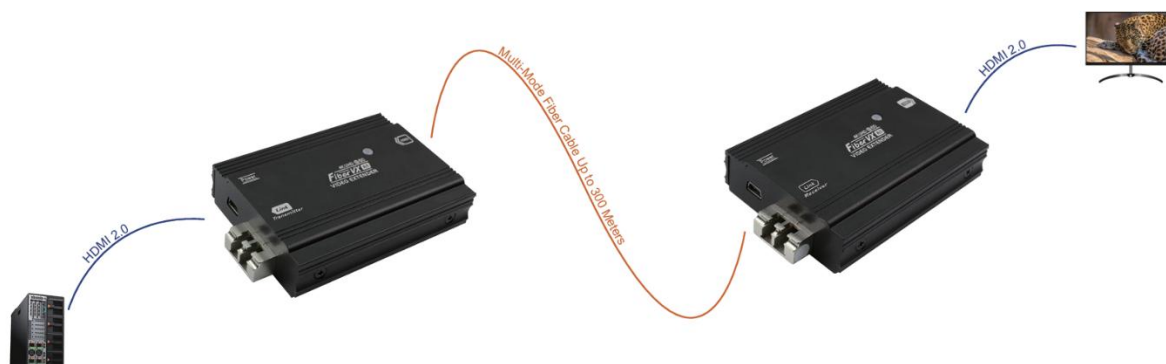
Model: HEX-460F-300MM

PRODUCT OVERVIEW

The **HEX-460F-300MM** consists of a Transmitter and Receiver pair that extends HDMI 2.0 signals up to 300 meters (984 feet) over LC multimode fiber optic cabling. It supports most popular operating systems, including Windows, macOS, Linux, Chrome OS, and Sun systems.



The HDMI Extender supports HDCP 1.4 and 2.2, ensuring uninterrupted playback of protected HD and UHD video content. It also provides comprehensive EDID (Extended Display Identification Data) management, ensuring the source device outputs video in the optimal resolution and format without compatibility issues.



KEY FEATURES

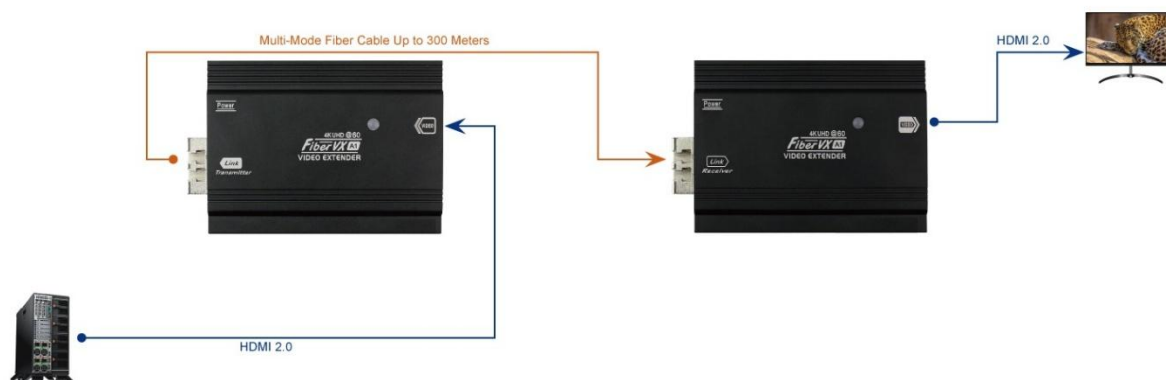
- Allows reliable remote access to an HDMI video source via fiber cable up to 300 meters (984 feet)
- HDMI 2.0 supports popular resolutions up to 4K@60Hz (4:4:4)
- HDCP 1.4 and HDCP 2.2 compliance ensures uninterrupted HD and UHD video playback
- Optical system enables high-speed, long-distance transmission; EMI-isolated design is ideal for noise-sensitive environments
- Plug-and-Play—no drivers or software required

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PRODUCT SPECIFICATIONS

HEX-460F-300MM	Transmitter	Receiver
Max Resolution	4096x2160@60Hz (4:4:4) 3840x2160@60Hz (4:4:4)	
Video Extension	HDMI 2.0 x 1 (In)	HDMI 2.0 x 1 (Out)
HDCP Compliance	HDCP 1.4 and HDCP 2.2	
Fiber Link Port	10Gbps Multimode LC x 1 (Wavelength: 850nm)	
LC Fiber Cable	Duplex OM3 or OM4 (50/125μm)	
Extension Range	Max 300m with OM3 or OM4	
LED Indicators	Status x 1	
Power Supply	DC 5V (Mini-USB)	DC 5V (Mini-USB)
Operating Environment	0 ~ 40°C, Humidity < 80%	
Storage Temperature	-20 ~ 60°C	
Material	Aluminium	
H x W x D (mm)	20 x 60 x 80	20 x 60 x 80
Weight (g)	165	165

CONNECTION DIAGRAM



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PACKAGE CONTENTS

- 1 × HDMI Extender over Fiber Transmitter Unit
- 1 × HDMI Extender over Fiber Receiver Unit
- 2 × Power Adapter
- 2 × Mini-USB to USB-A Cable
- 1 × User Manual

WARRANTY

- Standard 1 Year Limited Warranty, unless otherwise specified by Sales.
- Optional Advance Replacement Warranty is available upon request

ORDERING INFORMATION

Part Number	Descriptions
HEX-460F-300MM	4K60 HDMI Extender over Fiber with Duplex LC Multimode Port, 300m
(OPTIONAL)	
VDC-HCL20-001M	Premium High Speed HDMI 2.0 Type A (Male) to Type A (Male) Cable with Ethernet, 4K60, 18Gbps, LSZH, 1m
VDC-HCL20-002M	Premium High Speed HDMI 2.0 Type A (Male) to Type A (Male) Cable with Ethernet, 4K60, 18Gbps, LSZH, 2m
VDC-HCL20-003M	Premium High Speed HDMI 2.0 Type A (Male) to Type A (Male) Cable with Ethernet, 4K60, 18Gbps, LSZH, 3m

CONTACT INFORMATION

For more information, please visit our website or contact our customer service team:

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