

DL-ILFO-H2 Install Guide



Product Overview

The DigitaLinx DL-ILFO-H2 HDMI 2.0 extender set extends uncompressed HDMI audio and video up to 200m / 660' using a duplex multi-mode OM3 fiber cable. The DL-ILFO-H2 Supports HDMI 2.0b up to 18Gbps, CEC, HDR10, HDR10+ Dolby Vision and HDCP 2.2 as well as High Definition Dolby and DTS audio formats.

The DL-ILFO-H2 is sold only as a set. The individual transmitter and receiver are not compatible with other fiber extender offerings unless specifically noted otherwise.

Package Contents

- (1) Transmitter (Tx) and One (1) Receiver (Rx)
- (2) Micro USB to USB power cables
- (1) Installation Guide
- (2) 5V 1A power supply with US, AU, EU and UK adapters



Installation Instructions

Connect Fiber Cables to Extenders

Connect a duplex LC OM3 optical fiber cable between the transmitter and the receiver, note that each fiber channel should be connected as (A) to (A) and (B) to (B) respectively.





The maximum length for the OM3 fiber cable is 200m / 660'. This extender will not work with single mode fiber cable for longer distances.

NOTE: Digitalinx does not recommend or support cable interrupts or pass-throughs in the fiber cable such as keystone plates or patch panels, this may cause undesired interruptions in system performance.

Connect Power

Connect the DL-ILFO-H2 transmitter and receivers USB port to the supplied power supplies and connect to a local power source. The DL-ILFO-H2 transmitter can be powered by 5V from pin #18 of the HDMI interface however the receiver must receive a constant power supply @ 5V/1A, some TV's and projectors may be able to supply this power via a USB A port but if the power supplied by the TV is not stable or sufficient enough, it is recommended to use the provided power supplies on each extender device. Always the check the available USB power on a TV to be sure the receiver will receive the correct amount of voltage and amperage if using this method.

NOTE: Digitalinx recommends using *both* USB power supplies connected to both transmitter and receiver for a stable power connection and supply.

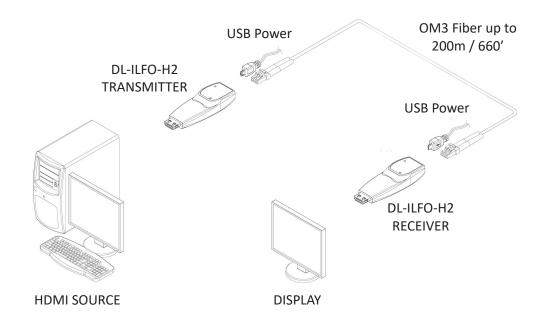
When power is supplied the power LED will turn ON.

Connect Fiber Extender to Devices

Connect the DL-ILFO-H2 transmitter to the HDMI source, connect the receiver to the TV display.

NOTE: Be sure the extender device labeled *TRANSMITTER* is connected to the HDMI source, and the device labeled *RECEIVER* is connected to the TV display.

When a successful audio and video link has been established between the HDMI source / transmitter and TV display / receiver the STATUS light on the extender devices will blink.



Technical Specifications

Supported Audio and Video			
Video Compliance	HDMI 2.0b, HDCP 2.2, and CEC (Consumer Electronics Control)		
Input / Output Resolution Support	All resolutions are supported up to 4096x2160 / 60Hz; 4:4:4; 8 bit deep colo		
Maximum Pixel Clock	600MHz		
Embedded Audio	LPCM, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD		
Fiber Optic Signal Characteristics			
Maximum Distance	200 meters / 660' feet		
Required Cable Type	Duplex LC-LC OM3		
Bandwidth	18Gbps		
Chassis and Environmental			
Dimensions (W*H*D)	26 mm (1 in) x 15 mm (0.6 in) x 72 mm (2.8 in)		
Operating Temperature (Environment)	0 to + 50°C (32 to + 122 °F)		
Operating Temperature (Storage)	-30 to +70°C (-22 to + 158 °F)		
Operating Humidity (Environment)	10% to 85%, Non-condensing		
Product Weight	175g / .4 lbs		
Power			
Maximum Power Consumption	5 watts		
Power Supply Input Voltage	AC 100-240V, 50/60Hz.		
Power Supply Output Voltage	DC +5 V, 1A		
Regulatory	CE, FCC, RoHS		
Other			
Standard Warranty	5 Years		
Included Items	(1) Transmitter, (1) Receiver, (1) Install Guide, (2) DC 5V Power Supply with US, UK, EU and AU power adapters (2) USB Micro to A power cables		

Thank you for your purchase.

For Technical Support please call our toll free number at 800-530-8998 or email us at supportlibav@libav.com

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