

Full function HDMI 2.1 Single LC Fiber Extender with USB2.0 Hub and 1G Ethernet

OV11HO-H21-F01

Support video resolution up to 8K@/60Hz without any compression at low cost. It support USB2.0 HUB and 1G Ethernet. It also can transmit IR and RS232 bi-directional.

The transmission distance reach up to 300m.

Ideal for extending digital video and audio signals, making it a great solution for digital signage, churches, data centers, home theater, large conference rooms, schools, Trade show presentations, etc



Features

- Support uncompressed 8K@60HZ.
- Compliant with HDCP2.3/2.2.
- Support ARC/eARC.
- Support USB2.0 1 in and 4 out HUB.
- Support bi-directional RS232 and IR transmission.
- Support 1G Ethernet.
- Support POC from both RX and TX.
- Support up to 300 meter over OM3 multi-mode LC fiber.
- Low latency.

Optical

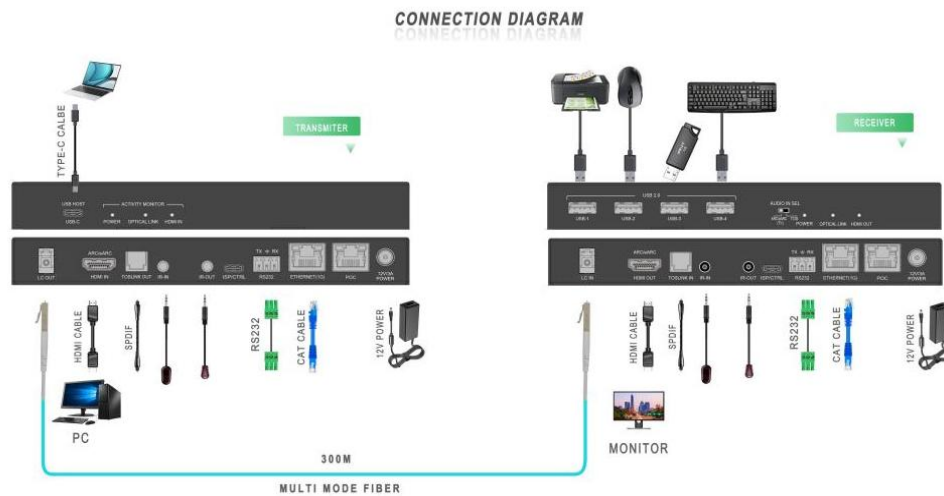
- Optical source: VCSEL
- Fiber: 1 core LC, OM3
- Distance:
OM3-300 Meter (984ft)

Package

- TX x 1
- RX x 1
- 12V power adapter x 2



Application



Specification

	Transmitter	Receiver
HDMI compliance	HDMI 2.1	
HDCP	HDCP 2.3/2.2/1.4	
Video Bandwidth	40Gbps	
Distance	8K@60HZ: 300M	
Supporting Resolution	8K@60HZ/4K@120HZ	
Connector/Fiber	HDMI-A 19 Pin (female)/ 1xLC	
ESD Protection	Human body model-±8KV(air-gap discharge) &±4KV(contact discharge)	
Power Supply	12V/2A	
Power Consumption	3W	3W
Color	Black	Black
Dimension (LxWxH)	Model: 180x110x22mm	Model: 180x110x22mm
	Package: 190x135x85mm	
Weight	Model: g	Model: g
	Package: g	
Environment	Operating Temperature Range: 0°C~40°C Storage Temperature Range: -20°C~60°C	
Relative Humidity	20-90% RH (no condensation)	