

HDMI 2.0 Dual Optical Fiber Extender Support Bi-directional IR and RS232

OV11HO-2FO-200

Support video resolution up to 4K2K@50/60Hz 4:4:4 without any compression at low cost. When only need to transmit AV signal to display, single fiber is needed. Additional AUX fiber can be used for auxiliary signal such as RS232, IR for device control.

Can extend video transmission distance up to 300m-500m.

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

- Single fiber HDMI extender. Or dual fiber for full function extender which support all communication between TX and RX and also support IR, RS232 system control signal.
- Support 18Gbps video bandwidth.
- HDMI2.0 & HDCP2.2 supported.
- Support 4K@60Hz YUV4:4:4(uncompressed).
- Support HDR10 and HDR10+.
- Dual fiber with LC connector (Up to 300M-500M).
- Audio formats support Dolby Atmos, TrueHD, Digital+, DTS X, HD Master Audio, HD High Resolution Audio, PCM2-8CM.
- Low EMI. Small size and easy installation.
- Can be powered by USB port.

Optical

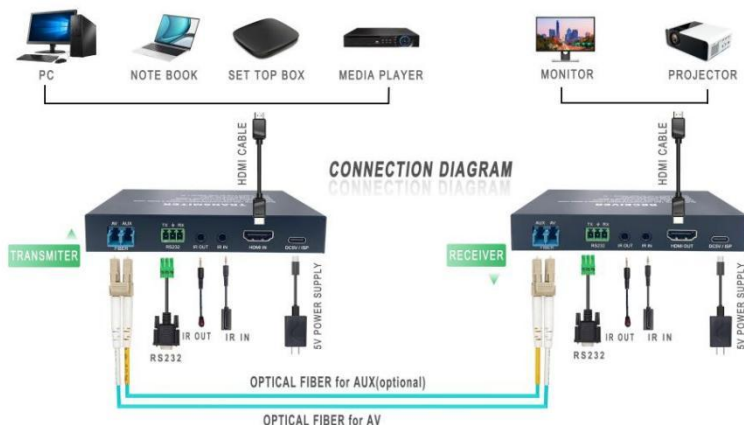
- Optical source: VCSEL
- Fiber: Duplex LC, OM3/OM4/OM5
- Distance:
 - OM3-300 Meter (984ft)
 - OM4-400 Meter (1312ft)
 - OM5-500 Meter (1640ft)

Package

- TX x 1
- RX x 1
- 5V power adapter x 2
- USB type-c cable x 2
- IR receiver cable x 1
- IR emitter cable x 1
- Phoenix terminal(male) x 2
- Mounting bracket with screw



Application



Specification

	Transmitter	Receiver
HDMI compliance	HDMI 2.0	
HDCP	HDCP2.2/1.4	
Video Bandwidth	18Gbps	
Distance	OM3:300 Meter(984ft) OM4:400 Meter(1312ft) OM5:500 Meter(1640ft)	
Supporting Resolution	4Kx2K@60HZ(4:4:4 8bit)	
Connector/Fiber	HDMI-A 19 Pin (male)/ LC	
ESD Protection	Human body model-±8KV(air-gap discharge) &±4KV(contact discharge)	
Power Supply	5V/2A	
Power Consumption	3W	3W
Color	Black	Black
Dimension (LxWxH)	Model: 120x75x20mm	Model: 120x75x20mm
	Package:270x150x85mm	
Weight	Model: 230g	Model: 230g
	Package: 835g	
Environment	Operating Temperature Range: 0°C~40°C Storage Temperature Range: -20°C~60°C	
Relative Humidity	20-90% RH (no condensation)	