

## HDMI 2.0 Extender over Single Fiber | Support POC from TX to RX



### OV11HO-1FO-100

Support video resolution up to 4K2K@50/60Hz 4:4:4 without any compression at low cost. Additional Cat6 cable can be used for auxiliary signal such as RS232 2, IR for device control.

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

The receiver is remotely powered by the transmitter via POC.

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 1 fiber + 1 Cat6 cable to support bi-directional with IR, RS232 .
- Support 18Gbps video bandwidth.
- HDMI2.0 & HDCP2.2 supported.
- Video resolution up to 4K@60HZ YUV4:4:4 (Uncompressed) .
- Support POC function. (Only from TX to RX).
- Support HDR10 and HDR10+.
- Single 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.



#### Optical

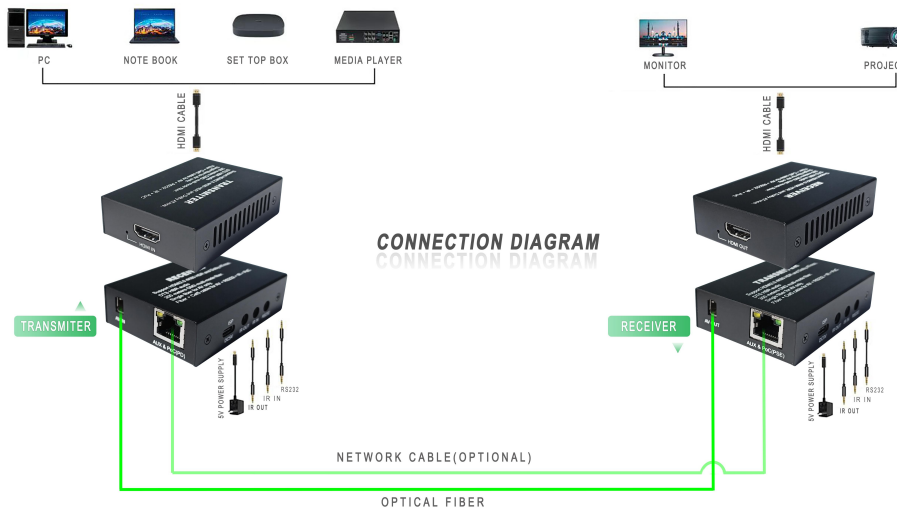
- Optical source: VCSEL
- Fiber: 1 core LC, OM3/OM4/OM5
- Distance:
  - OM3-300 Meter (984ft)
  - OM4-400 Meter (1312ft)
  - OM5-500 Meter (1640ft)



#### Package

- TX x 1
- RX x 1
- 5V power adapter x 1
- USB type-c cable x 1
- IR receiver cable x 1
- IR emitter cable x 1

## Application



## Specification

	Transmitter	Receiver
HDMI compliance	HDMI 2.0	
HDCP	HDCP2.2/1.4	
Video Bandwidth	18Gbps	
Distance	LC fiber: 100 Meter(328ft) CAT6 cable: 100 Meter(328ft)	
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: 76x55x21mm	Model: 76x55x21mm
	Package: 230x150x30mm	
Weight	Model: 126g	Model: 126g
	Package: 435g	
Environment	Operating Temperature Range: 0°C~40°C Storage Temperature Range: -20°C~60°C	
Relative Humidity	20-90% RH (no condensation)	