

## HDMI 2.0 Single Fiber Extender (Dongle)



### Features

- Dongle mode single fiber HDMI extender can be used like HDMI cable.
- Support 18Gbps video bandwidth.
- HDMI2.0 & HDCP2.2 supported.
- Video resolution up to 4K@60Hz YUV4:4:4(uncompressed).
- Support 300 meter multi-mode OM3 fiber when only fiber is used in non-HDCP system. Cat6 cable supports the length up to 100 meters.
- Support HDR10 and HDR10+.
- Audio formats support Dolby Atmos, TrueHD, Digital+, DTS X, HD Master Audio, HD High Resolution Audio, PCM2-8CM.

## OV11-DG

Support video resolution up to 4K2K@50/60Hz 4:4:4 without any compression. Can transmit HDMI2.0 signal over 1 LC fiber and 1 Cat6 cable up to 100 meter.

This enables common video extension installations to use high-quality fiber optic transmission technology. Dongle mode small size is convenient for installation. Ultra low power consumption design makes users do not need to pay attention to heating problems. No additional power supply required.

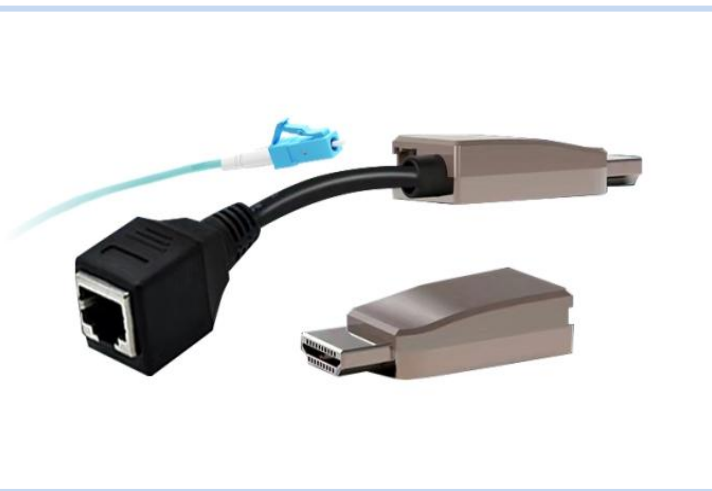
Ideal for extending digital video and audio signals, making it a great solution for digital signage, churches, data centers, home theater, large conference rooms, schools, Trade show presentations, etc.

### Optical

- Optical source: VCSEL
- Fiber: 1 core LC
- Distance:
  - Only 1 LC fiber used (non-HDCP system): 300 Meter (984ft)
  - LC+Cat5e/Cat6 cable: 100m(328ft)

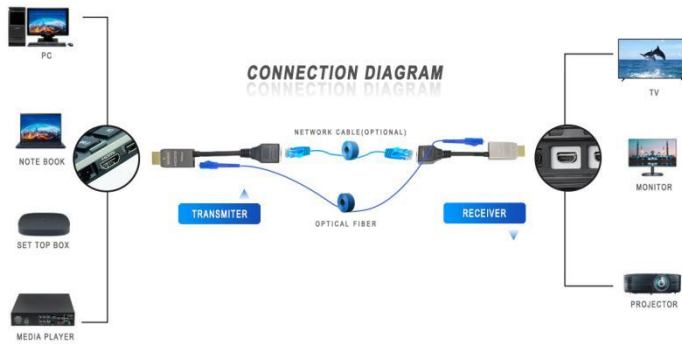
### Package

- TX x 1
- RX x 1

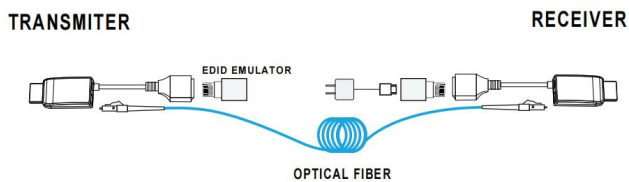


## Application

### 1. Fiber+Cat5e/Cat6 cable



### 2. Single fiber for non-HDCP system



## Specification

	Transmitter	Receiver
HDMI compliance	HDMI 2.0	
HDCP	HDCP 2.2/1.4	
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 Consumption	0.3W	
Color	Gray	Silver
Dimension(LxWxH)	Model:200x20x20mm	Model:200x20x20mm
Weight	Model: 40g	Model: 40g
Environment	Operating Temperature Range: 0°C~40°C Storage Temperature Range: -20°C~60°C	
Relative Humidity	20-90% RH (no condensation)	