

HDMI 2.0 Extender Over Single Fiber With 4K@60Hz Wall Plate Transmitter | POC



Features

- Support 18Gbps video bandwidth.
- HDMI2.0 & HDCP2.2 supported.
- Support 4K@60Hz YUV4:4:4(uncompressed).
- Support POC function. (Only from RX to TX)
- Support HDR10 and HDR10+.
- Single fiber with LC connector (Up to 100M/328ft).
- 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.



OV11HO-WPTB-001

The wall plate is a HDMI 2.0 transmitter with only 1 LC fiber. It features a US one-gang enclosure.

Support video resolution up to 4K2K@50/60Hz 4:4:4. CAT6 output can extend video transmission distance up to 328ft / 100m. The product is remotely powered by the receiver via POC.

Use for any application where the HDMI source up to 328 feet away from the display. 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.

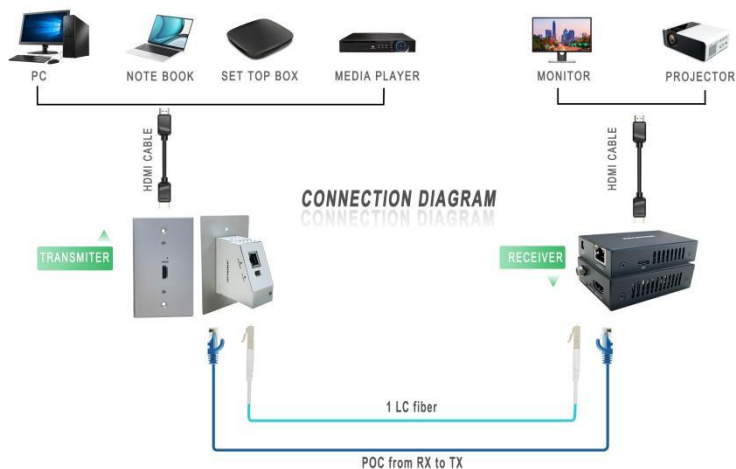
Optical

- Optical source: VCSEL
- Fiber: Duplex LC, OM3/OM4/OM5
- Distance: 100 Meter (328ft)

Package

- TX wall plate x 1
- RX x 1
- 5V power adapter x 1
- Mounting bracket with screw

Application



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 Supply	5V/2A	
Power Consumption	2W	4.9W
Color	White	Black
Dimension (LxWxH)	Model: 66x36x65mm	Model: 76x55x21mm
	Package: 190x134x85mm	
Weight	Model: 192g	Model: 125g
	Package: 510g	
Environment	Operating Temperature Range: 0°C~40°C Storage Temperature Range: -20°C~60°C	
Relative Humidity	20-90% RH (no condensation)	