

## INSTALLATION & SPECIFICATIONS

### OMX-HDMI-EPOE

#### 110 Feet/34 Meter 1080p HDMI Extender with EDID and POE

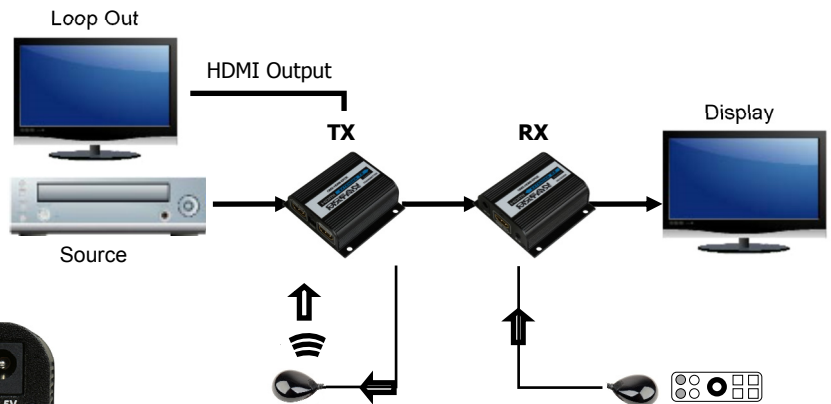


#### Installation

1. Connect the HDMI video source to the Transmitter
2. Connect the display to the Receiver
3. Connect the Transmitter to the Receiver with the network cable (recommended 50 to 110 feet/15-34 meters)
4. Connect the power supply to the Transmitter and turn the power on
5. Plug the IR blaster extension cable into the IR OUT port on the transmitter
6. Plug the IR receiver extension cable into the IR IN port on the receiver

#### Installation Requirements

1. Source: HDMI video source
2. Display: Display with HDMI port
3. Cable: UTP/STP Cat6/6a/7



#### Transmitter



#### Receiver



#### EDID Management

1. HDMI Video Source reads the EDID information of the transmitter and outputs the respective HDMI signal format
2. To reset, turn the power off and on.
3. When connecting a display to the loop out HDMI port of the transmitter make the connection first before turning the power on in order to save the EDID information.

Specifications	
Transmission Distance	1080p@60Hz up to 110 feet/34 meters
Compatibility	HDMI1.4a / HDCP: HDCP1.2a
Resolutions	480i@60Hz, 480p@60Hz, 576i@50Hz, 576p@50Hz, 720p@50/60Hz, 1080i@50/60Hz, 3D:1080p@60Hz
Network Cable	Cat6/6a/7
IR Signal	20-60 kHz
Audio Format	PCM, AC3, DTS
Power Supply	5VDC/2A
Power Consumption	3W each unit
Dimensions (LxWxH)	2.82x2.63x0.89 in each unit
Weight	2.5 oz each unit

Switch Up = 1, Switch Down = 0

Switch Setting			EDID Information
#1	#2	#3	
0	0	0	720p@50Hz 2.1 CH
1	0	0	720p@50Hz 7.1 CH
0	1	0	1080i@60Hz 2.1CH
1	1	0	1080i@60Hz 7.1CH
0	0	1	1080p@60Hz 2.1CH
1	0	1	1080p@60Hz 7.1CH
0	1	1	Read & Save EDID Loop Out Display
1	1	1	Default 720p@60Hz Ch2.1

**Includes**—1 5VDC/2A Power Supply, IR Extension Cables & Remote Control

## Troubleshooting

### No image output

- Ensure power supply is firmly connected. Only use the 5VDC power adapter included with the unit.
- Check that the cables are securely connected.
- Check that the display/TV has been set to the proper channel.
- For PC connections via HDMI, set output mode to mirror or extend.
- Press the reset buttons.

### Display is unstable

- Check all connections.
- Connect the source directly to the display device to ensure there is a signal output. Change the signal source if necessary.
- Use only high-quality copper cable.

### Link LED is flashing

- Press the reset buttons and reconnect.



## SAFETY PRECAUTIONS



1. To prevent fire or shock hazard, do not expose this equipment to high humidity and/or dust. Do not use in an unprotected outdoor installation nor any area classified as overly damp or wet.
2. The temperature for installation should be kept between 32°F to 140°F (0°C to 60°C). Avoid direct sunlight exposure or extreme changes of temperature over a short period of time.
3. Do not disassemble the unit or place it on an unstable base.
4. Do not drop the unit and avoid heavy impact.
5. This unit should not be permanently installed unless proper ventilation is provided. Any enclosure openings must not be blocked or covered as they protect the unit from overheating.
6. Before cleaning, turn off the power and unplug the unit from all connections. Use a damp cloth. Do not use liquid cleaners nor aerosol cleaners.
7. Do not overload outlets and extension cords as this may result in a risk of fire or electric shock.
8. Enclosure entry is dangerous. Never push objects of any kind, including liquids, into this unit through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock.
9. Do not attempt to open or service this unit yourself as opening or removing covers may expose you to dangerous voltage and other hazards.
10. There are no user-serviceable parts inside the unit. If the unit requires service contact your authorized dealer, or an authorized repair service company.