

### 4K HDMI Extender over Single Cat5e/6

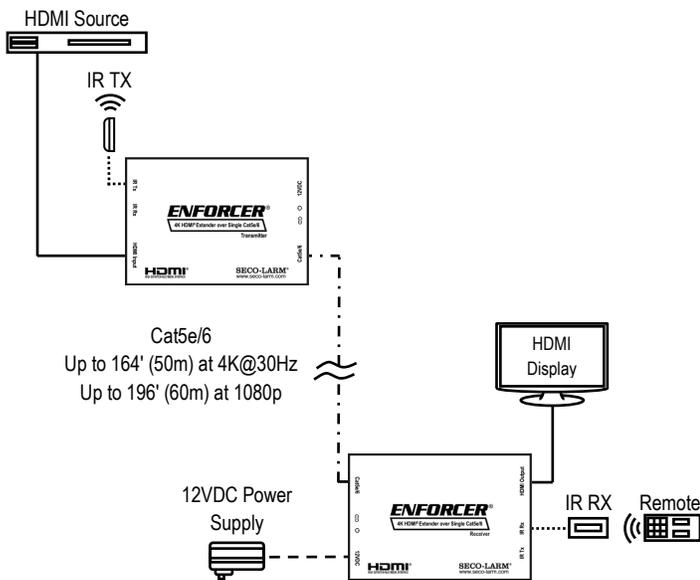
#### MVE-AH1E1-41NQ

The ENFORCER 4K HDMI Extender over Single Cat5e/6 extends the range of traditional HDMI cabling methods by using an active transmitter and receiver to send video and audio over a single Cat5e/6. HDMI formats as large as 4K can be transmitted 164ft (50m) between the two units with zero signal loss by using integrated circuits in the receiver and transmitter. The extender also supports EDID and bi-directional IR control for remotely controlling HDMI sources and displays.

#### Features:

- Extend HDMI over a single Cat5e/6 cable
- Supports resolutions from 480i to 4K with zero signal loss
- Transmits up to 164ft (50m) at 4K over Cat6 cable
- Plug and play operation – comes as a complete set
- Bi-directional IR for remote control extension and operation
- One (1) 12VDC power supply included

#### Sample Application:



#### Specifications:

Maximum single link range	4K@30Hz	
Deep color	8bit	
Video formats supported	High-speed HDMI, HDCP 2.2	
Audio formats supported	LPCM 2/5.1/7.1CH, Dolby Digital, DTS 5.1, Dolby Digital+, Dolby TrueHD, DTS-HD Master Audio, Dolby Atmos, DTS:X	
Output video	HDMI	
Resolutions supported	4K@30Hz/1080p/1080i/720p/576p/576i/480p/480i	
Range	4K@30Hz	Cat6: Up to 164' (50m); Cat5e: Up to 82' (25m)
	1080p	Cat6: Up to 196' (60m); Cat5e: Up to 98' (30m)
Video amplifier bandwidth	10.2Gbps	
Video input connector	HDMI Type A 19-pin female	
Video output connector	HDMI Type A 19-pin female	
Cat5e/6 wiring standard	T-568B	
IR Frequency	30-60 kHz	
Power supply	1A@12VDC (1 Adapter) (2.1mm plug)	
ESD Protection (human body model)	±8kV (air-gap discharge), ±4kV (contact discharge)	
Operating temperature	32°~104° F (0°~40° C)	
Operating humidity	20~90% RH (no condensation)	
Dimensions	3 7/16" x 2 3/8" x 1 1/16" (88x61x17 mm)	
Weight	5.08-oz (144g) (each)	