

## 4K HDMI Extender over Single Cat5e/6

**MVE-AH1E1-42NQ** 4K@60Hz

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 up to 197ft (60m) between the two units with zero signal loss by using integrated circuits in the receiver and transmitter.

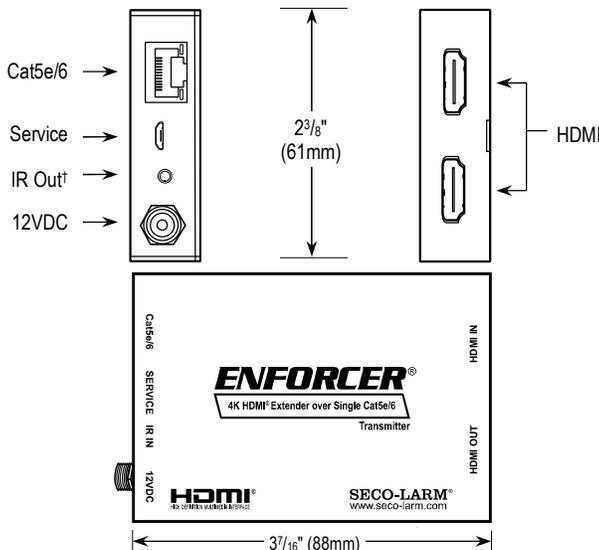


### Features:

- Extends HDMI over a single Cat5e/6 cable
- Supports resolutions from 480i to 4K with zero signal loss
- Transmits 4K@60Hz up to 197' (60m) or 1080p@60Hz up to 230' (70m) over Cat6 cable
- Plug and play operation
- Active operation ensures signal strength
- IR for remote control extension
- One (1) 12VDC power supply included – set can be powered at either end



### Overview:



\*Transmitter and Receiver unit have the same dimensions

†Input/Output are reversed on receiver

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### Specifications:

Input video signal	3.3V	
Input DDC signal	5Vp-p (TTL)	
Maximum single link range	4K@60Hz	
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	4K@60Hz	
Resolutions supported	4K@60Hz/4K@30Hz/1080p/1080i/720p/576p/576i/480p/480i	
Range	4K@60Hz	Cat6: Up to 197' (60m); Cat5e: Up to 164' (50m)
	1080p	Cat6: Up to 230' (70m); Cat5e: Up to 164' (50m)
Video amplifier bandwidth	18Gbps	
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 Pass-through frequency	30~60 kHz	
Operating voltage	12VDC	
Power supply	1A@12VDC (1 Adapter) (2.1mm plug)	
ESD Protection (human body model)	±8kV (air-gap discharge), ±4kV (contact discharge)	
Current draw	Transmitter	85mA@12VDC
	Receiver	125mA@12VDC
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)	

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