

HDMI Extender over Single Cat5e/6

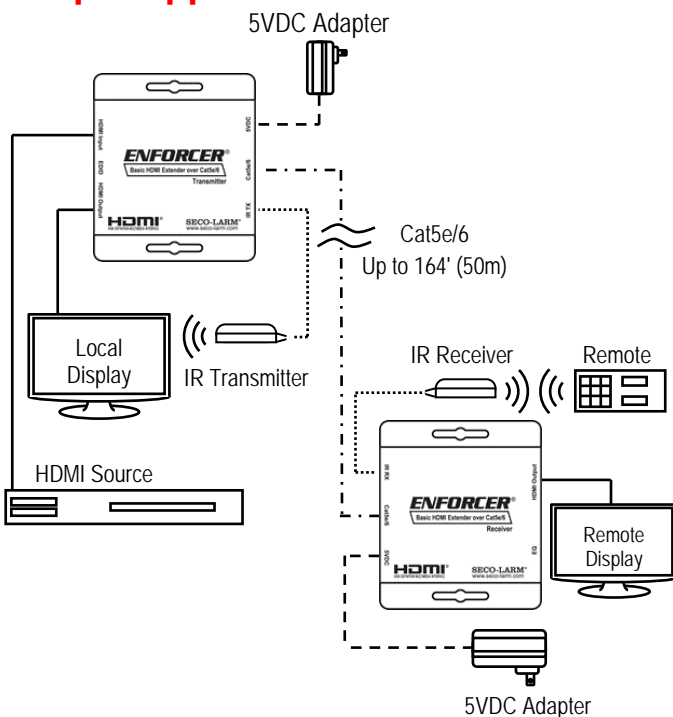
MVE-AH1E1-01NQ

The ENFORCER 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 cable. HDMI formats as large as 1080p can be transmitted up to 164ft (50m) between the two units with zero signal loss by using integrated circuits in the receiver and transmitter. The extender also supports HDMI loop output, EDID management settings, and one way IR control for remotely controlling HDMI sources and displays.

Features:

- Extend HDMI over a single Cat5e/6 cable
- Supports resolutions from 480i to 1080p with zero signal loss
- Transmits up to 164ft (50m) at 1080p over Cat5e/6 cable
- HDMI Loop output for local HDMI display
- Plug and play operation – comes as a complete set
- IR Pass-through for remote control extension and operation
- EDID Management switch
- Two (2) 5VDC power supplies included

Sample Application:



Specifications:

Input Video signal	3.3V	
Input DDC signal	5Vp-p (TTL)	
Maximum single link range	1080p	
Deep color	24bit	
Video formats supported	High-speed HDMI, HDCP 1.2	
Audio formats supported	LPCM, Dolby-AC3, DTS7.1, DSD	
Output video	HDMI	
Resolutions supported	1080p/1080i/720p/576p/576i/480p/480i	
Range – 1080p	Up to 164' (50m)	
Video amplifier bandwidth	4.95Gbps	
Video input connector	HDMI Type A 19-pin female	
Maximum input cable length	24AWG (15m), 26AWG (10m), 28AWG (5m)	
Video output connector	HDMI Type A 19-pin female	
Maximum output cable length	24AWG (15m), 26AWG (10m), 28AWG (5m)	
Cat5e/6 Wiring standard	T-568B	
IR Pass-through frequency	30-60 kHz	
Operating voltage	5VDC	
Power supply	1A@5VDC (2 Adapters) (2.1mm plug)	
ESD Protection (human body model)	±8kV (Air-gap discharge), ±4kV (contact discharge)	
Current draw	Transmitter	300mA@5VDC
	Receiver	200mA@5VDC
Operating temperature	32°-104° F (0°-40° C)	
Operating humidity	20-90% RH (No condensation)	
Dimensions	3 1/8" x 1 1/16" x 2 5/8" (79x17x67 mm)	
Weight	5.3-oz (150g) (Each)	

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