

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

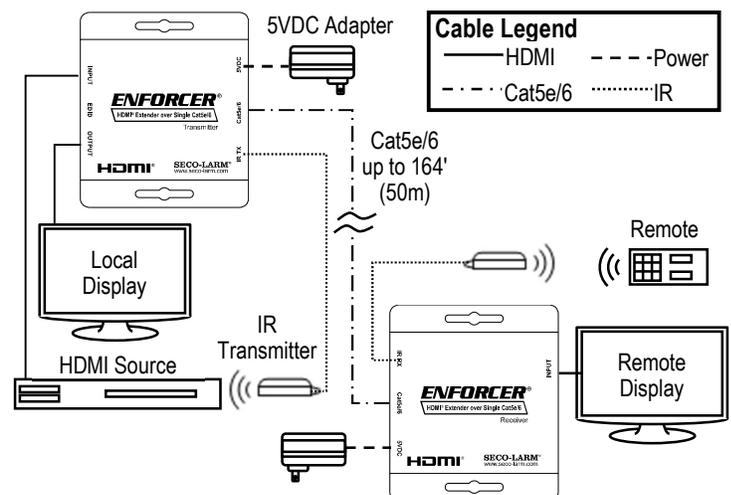


Features

- **Signal Strength** – Active operation ensures that the signal strength will remain strong over the length of the cable
- **Distance** – Capable of providing a clear HDMI signal up to 164ft (50m)
- **Formats Supported** – Supports both progressive and interlaced formats: 1080p/1080i/720p/576p/576i/480p/480i
- **Plug and Play** – Comes as a complete set consisting of a transmitter and receiver, power supplies, and IR dongles
- **Zero Signal Loss** – Integrated circuits in the transmitter and receiver clean, buffer and amplify the HDMI signal to prevent signal loss and ensure a clear signal regardless of the length of the cable
- **IR Pass-Through** – Send IR signals from the monitor to the source for discrete operation of devices
- **EDID Management** – Use Extended Display Identification Data (EDID) management settings to match the display settings to the source device



Sample Application



The terms HDMI, HDMI High-Definition Multimedia Interface, HDMI trade dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc..

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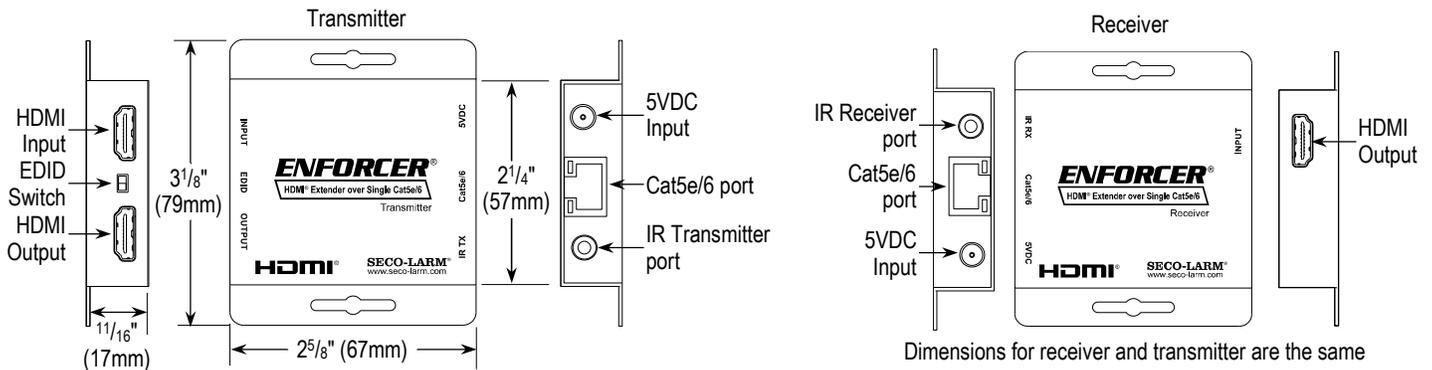
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Specifications

Operating voltage	5VDC	
Power supply	1A@5VDC (2 Adapters) (2.1mm plug)	
Current draw (max.)	Transmitter	300mA@5VDC
	Receiver	200mA@5VDC
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	
ESD Protection (human body model)	±8kV (Air-gap discharge), ±4kV (contact discharge)	
Operating humidity	20~90% RH (Non-condensing)	
Operating temperature	32°~104° F (0°~40° C)	
Dimensions (each)	3 1/8"x1 1/16"x2 5/8" (79x17x67 mm)	
Weight (each)	5.3-oz (150g)	

Overview



Accessories

High-Speed HDMI® Cables



MC-1130-xxFQ*

*Where xx represents the length in feet (3, 6, 10, 16, 25, 35, 50) using two digits with 0 as an initial placeholder for numbers less than 10, except 18 which represents length in inches.