

## HDMI Extender over Two Wires

### MVE-AH1T1-01YQ

The ENFORCER HDMI Extender over Two Wires extends the range of traditional HDMI cabling methods by using an active transmitter and receiver to send video and audio over any two copper wires including Cat5e/6 cables, telephone wires, and coaxial cables.



### Features:

- Extends HDMI over two wires
- Supports resolutions from 480i to 1080p with zero signal loss
- Transmits up to 984ft (300m) at 1080p over two wires
- Plug and play operation – comes as a complete set
- HDMI Loop output for local HDMI display
- Supports up to four (4) receivers for multicast applications
- Two (2) 12VDC power supplies included
- Bi-directional RS-232 pass-through
- IR Pass-through for remote control extension and operation



### 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 1.3	
Audio formats supported	PCM	
Output video	HDMI	
Resolutions supported	1080p/1080i/720p/576p/576i/480p/480i	
Range	Up to 984' (300m)	
Video input/output connector	HDMI Type A 19-pin female	
Max. input/output cable length	24AWG (15m), 26AWG (10m), 28AWG (5m)	
IR Pass-through frequency	20~60 kHz	
RS-232 Pass-through baud-rate	Up to 115,200	
Operating voltage	12VDC	
Power supply	2A@12VDC (2 Adapters) (2.1mm plug)	
ESD Protection (human body model)	±8kV (Air-gap discharge), ±4kV (contact discharge)	
	Current draw	Transmitter: 625mA@12VDC Receiver: 580mA@12VDC
Operating temperature	32°~140° F (0°~60° C)	
Dimensions	5 1/8" x 1 5/16" x 3 7/16" (130x23x87 mm)	
Weight	7.4-oz (210g) (Each)	

### Sample Application - One Transmitter, Multiple Receivers<sup>1</sup>, Cascaded Wiring:

