HDMI® Extender over Single Cat5e/6

MVE-AH030Q   *Range of 196ft (60m) at 1080p Resolution*

MVE-AH030AQ   *Range of 196ft (60m) at 1080p Resolution*

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. HDMI formats as large as 1080p can be transmitted up to 196ft (60m) between the two units with zero signal loss by using integrated circuits in the receiver and transmitter.

MVE-AH030Q

Features:

- **Signal Strength –** Active operation ensures that the signal strength will remain strong over the length of the cable.
- **Distance –** The Basic HDMI Extender over Single Cat5e/6 is capable of providing a clear HDMI signal up to 196ft (60m).
- **Formats Supported –** The Basic HDMI Extender over Single Cat5e/6 supports both progressive and interlaced formats: 1080p/1080i/720p/480p/480i.
- **Plug and Play –** The Basic HDMI Extender over Single Cat5e/6 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.
- **Bi-directional IR –** Send IR signals from the source to the monitor or from the monitor to the source for discrete operation of devices.
- **EDID Management –** Eliminate sync issues by choosing from STD EDID (1080p/60Hz, 2CH audio) or TV EDID (copying the TV EDID information to the HDMI source) (MVE-AH030AQ).
- **EDID Management –** Eliminate sync issues by choosing from 9 different internal EDID settings, the HDMI loop display, or the main HDMI display (MVE-AH030Q).

MVE-AH030Q only:

- **Digital Audio Out –** Send HDMI audio directly to an external sound bar or A/V Receiver.
- **ARC Option Switch –** Enable Audio Return Channel (ARC) to automatically switch the audio source to that shown by the display device.
- **HDMI Loop Output –** Secondary HDMI output for local displays.

MVE-AH030AQ

Specifications:

Model		MVE-AH030Q	MVE-AH030AQ
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	Cat6	Up to 196' (60m)	
	Cat5e	Up to 98' (30m)	
Video amplifier bandwidth		1.65Gbps	
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	
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	550mA@5VDC	
	Receiver	450mA@5VDC	
Operating temperature		32°~104° F (0°~40° C)	
Operating humidity		20~90% RH (no condensation)	
Dimensions		$3^{15}/_{16}$"x$2^9/_{16}$"x1" (100x65x26mm)	$3^3/_{16}$"x$1^{15}/_{16}$"x1" (81x49x25mm)
Weight		7.2-oz (205g) (each)	5.3-oz (150g) (each)

SECO-LARM® U.S.A., Inc.

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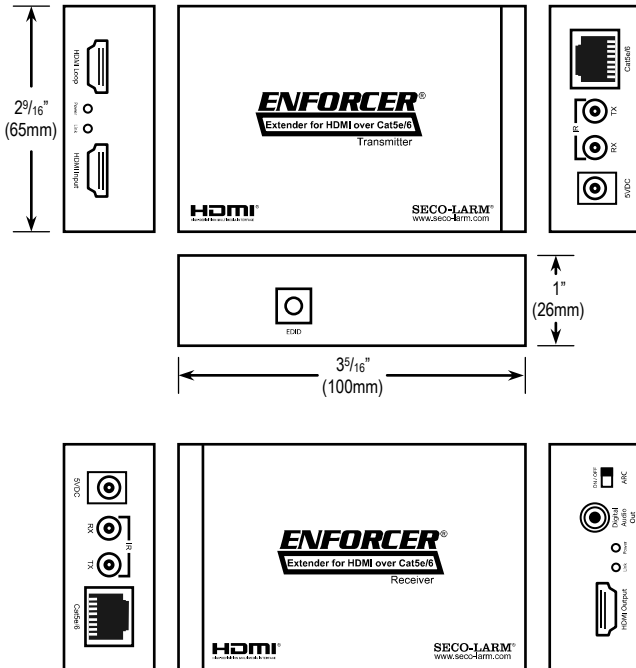**Website:** www.seco-larm.com   **Email:** sales@seco-larm.com

SECO-LARM® ENFORCER® CRIMEBUSTER® CBA SLI

Dimensions:

MVE-AH030Q

MVE-AH030AQ

Sample Application:

Cable Legend:
- ——— HDMI
- – – – – Power
- – · – · – Cat5e/6
- ·········· IR

HDMI Source

IR Tx

5VDC Adapter

5VDC Adapter

IR Rx

Remote Display

Remote
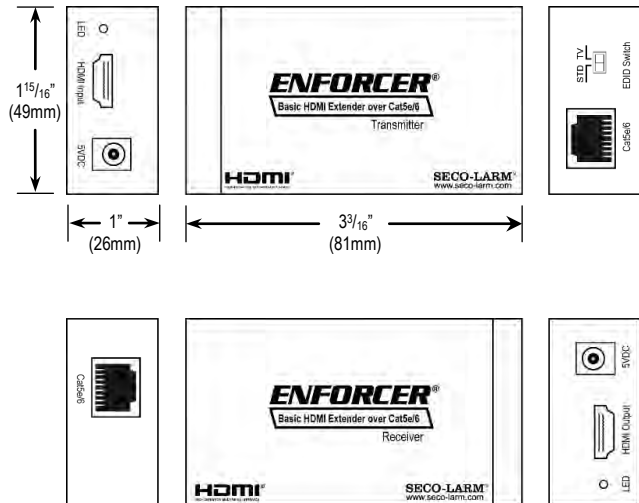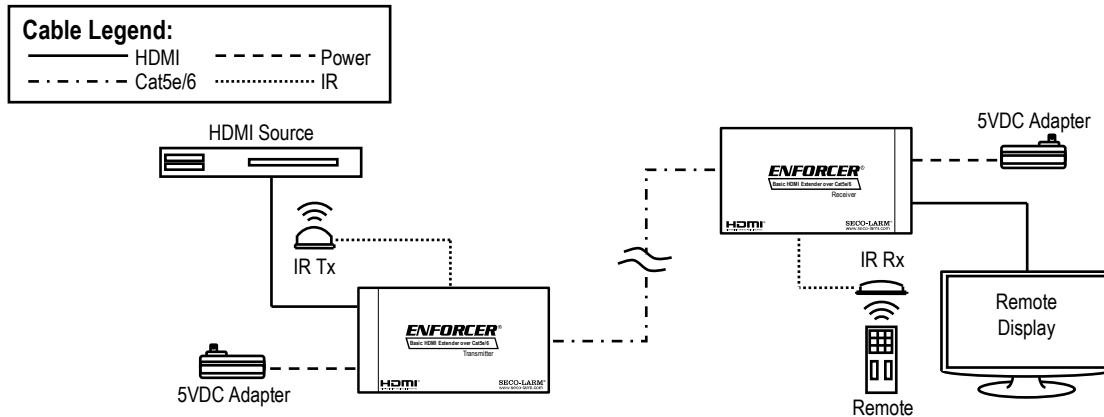
Also Available from SECO-LARM®:

HDMI® Extender over Single Cat5e/6	ENHANCED Extender for HDMI® over Single Cat5e/6	4x4 HDMI® Matrix	4K HDMI® Switcher	4K HDMI® Splitter
MVE-AH030Q	**MVE-AH1H1-02ZQ**	**MVM-AH44-01YQ**	**MVS-AH31-01NQ**	**MVD-AH14-01Q**

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