

# **ENFORCER<sup>®</sup>**

## **MVE-AH1W1-01NQ**

### Long-Range Wireless Extender for HDMI

## Manual



**HDMI<sup>®</sup>**  
HIGH-DEFINITION MULTIMEDIA INTERFACE

- Wirelessly extend HDMI signals up to 656ft (200m)
- Supports resolutions from 480i to 1080p with zero signal loss
- Two (2) 5VDC power supplies included
- Plug and play operation – comes as a complete set
- IR Pass-through for remote control extension

**SECO-LARM<sup>®</sup> SLI**



# ENFORCER Long-Range Wireless Extender for HDMI

## Introduction:

The ENFORCER Long-Range Wireless Extender for HDMI sends high-definition audio and video wirelessly up to 656ft (200m)\*. There are no cables required between the transmitter and receiver which makes for an easy installation. The extender also supports IR Pass-through for remotely controlling the HDMI source.

## Features:

- **Wireless Transmission** – Transmits high-definition video and audio wirelessly between the transmitter and receiver.
- **Signal strength** – Active operation ensures that the signal strength will remain strong.
- **Range** – The Long-Range Wireless Extender for HDMI provides a clear HDMI signal up to 656ft (200m)\*.
- **Formats Supported** – The Long-Range Wireless Extender for HDMI supports both progressive and interlaced formats: 1080p/1080i/720p/576p/576i/480p/480i.
- **Plug and Play** – The Long-Range Wireless Extender for HDMI comes as a complete set consisting of a transmitter and receiver, antennas, power supplies, and IR dongles.
- **IR Pass-through** – Send IR signals from the HDMI source to the HDMI monitor for discrete operation of devices.

## Specifications:

Transmission frequency	5.1~5.9 GHz	
Bandwidth	40MHz	
Maximum single link range	1080p/60	
Deep color	24-bit	
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	Up to 656ft (200m)*	
Latency	<200ms	
Antenna	8" (203mm) Omni-directional 5dBi	
Encryption	AES 128	
Video amplifier bandwidth	6.75Gbps	
Video input connector	HDMI Type A 19-pin female	
Maximum input cable length	24AWG: 32' (10m); 26AWG: 16' (5m); 28AWG: 10' (3m)	
IR Pass-through	20~60 kHz	
Operating voltage	5VDC	
Power supply	5VDC/3A (2 adapters) (2.1mm plug)	
ESD Protection (human body model)	±15kV (Air-gap discharge), ±8kV (Contact discharge)	
Current draw	Transmitter	1.5A@5VDC
	Receiver	1.3A@5VDC
Operating temperature	32°~140° F (°0~60° C)	
Operating humidity	0~95% RH (non-condensing)	
Dimensions	7 <sup>11</sup> / <sub>16</sub> "x5 <sup>7</sup> / <sub>16</sub> " x1 <sup>1</sup> / <sub>4</sub> " (195x138x31mm)	
Weight	Transmitter	18.7-oz (531g)
	Receiver	18.6-oz (528g)

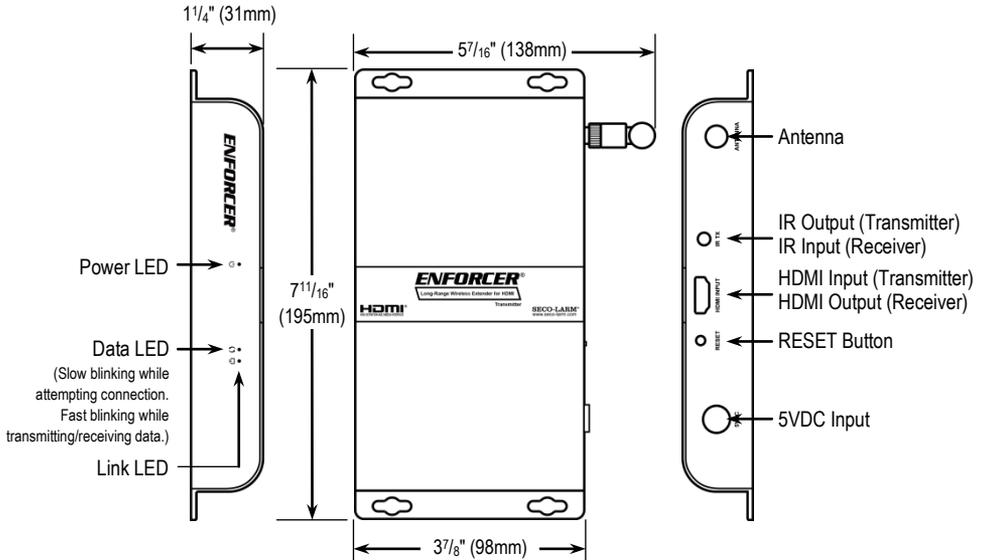
\*Line-of-sight range. Actual range may vary depending on the installation and operating environment.

# ENFORCER Long-Range Wireless Extender for HDMI

## Parts List:

1x Transmitter	1x Receiver
2x 5VDC/3A Power adapters	1x Manual
1x IR Transmitter (w/ double-sided tape)	1x IR Receiver (w/ double-sided tape)

## Overview:



## Installation:

- Determine the location where the Long-Range Wireless Extender for HDMI transmitter and receiver will be installed.  
**NOTE:** Do not install the transmitter or receiver units in corners or near other wireless devices, as this may cause interference with the extender.
- Connect the transmitter unit to the HDMI port of the source device via an HDMI cable.
- Connect the receiver unit to the HDMI port of the monitor via an HDMI cable.
- Install the IR transmitter to the IR-TX port of the transmitter unit, pointing the IR transmitter at the device to be controlled. Install the IR receiver to the IR-RX port of the receiver unit, pointing the IR receiver to where the remote control will be. Point the remote control at the IR receiver when in use.
- Connect the included power supplies to both the transmitter and receiver units.
- Switch on the HDMI source device and HDMI display to verify that the system is functioning properly.  
**NOTE:** It may be necessary to press the receiver unit's RESET button followed by the transmitter unit's RESET button after initial power-up to sync the unit.
- If required, mount the transmitter and receiver units using the mounting holes (mounting screws not included).

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## Troubleshooting:

HDMI device does not function properly	<ul style="list-style-type: none"><li>• Make sure the extender is powered on both sides.</li><li>• Make sure the source and display are powered.</li><li>• Make sure that there are no problems with the HDMI source, HDMI cables or HDMI display by plugging the source directly into the display using an HDMI cable.</li></ul>
Screen flickering or brief image loss	<ul style="list-style-type: none"><li>• Switch the source device to a lower HDMI output (i.e. 1080p to 1080i)</li><li>• Change the positioning of the transmitter and receiver away from any potential sources of interference</li></ul>
Monitor displays "Waiting for connection..."	<ul style="list-style-type: none"><li>• Make sure that the power supplies of both transmitter and receiver are firmly connected.</li></ul>
Monitor displays "Please check the TX input signal"	<ul style="list-style-type: none"><li>• Check to see that the transmitter unit and source device are powered on. Press the RESET button on the receiver unit then press the RESET button on the transmitter unit.</li></ul>

## Also Available from SECO-LARM®:

### HDMI Extender over Single Cat5e/6



MVE-AH030Q

### HDMI Extender over Dual Cat5e/6



MVE-AH010Q

### High-Speed HDMI Cables



MC-1102-xxFQ

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## FCC COMPLIANCE STATEMENT

FCC ID: 2ADXC16WA88

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS: (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRE OPERATION.

Notice: The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

IMPORTANT NOTE: To comply with the FCC RF exposure compliance requirements, no change to the antenna or the device is permitted. Any change to the antenna or the device could result in the device exceeding the RF exposure requirements and void user's authority to operate the device.

**WARRANTY:** This SECO-LARM product is warranted against defects in material and workmanship while used in normal service for three (3) years from the date of sale to the original customer. SECO-LARM's obligation is limited to the repair or replacement of any defective part if the unit is returned, transportation prepaid, to SECO-LARM. This Warranty is void if damage is caused by or attributed to acts of God, physical or electrical misuse or abuse, neglect, repair or alteration, improper or abnormal usage, or faulty installation, or if for any other reason SECO-LARM determines that such equipment is not operating properly as a result of causes other than defects in material and workmanship. The sole obligation of SECO-LARM and the purchaser's exclusive remedy, shall be limited to the replacement or repair only, at SECO-LARM's option. In no event shall SECO-LARM be liable for any special, collateral, incidental, or consequential personal or property damage of any kind to the purchaser or anyone else.

**NOTICE:** The SECO-LARM policy is one of continual development and improvement. For that reason, SECO-LARM reserves the right to change specifications without notice. SECO-LARM is also not responsible for misprints.

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