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
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:

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transmission frequency</td>
<td>5.1~5.9 GHz</td>
</tr>
<tr>
<td>Bandwidth</td>
<td>40MHz</td>
</tr>
<tr>
<td>Maximum single link range</td>
<td>1080p/60</td>
</tr>
<tr>
<td>Deep color</td>
<td>24-bit</td>
</tr>
<tr>
<td>Video formats supported</td>
<td>High-speed HDMI, HDCP 1.2</td>
</tr>
<tr>
<td>Audio formats supported</td>
<td>LPCM, Dolby-AC3, DTS7.1, DSD</td>
</tr>
<tr>
<td>Output video</td>
<td>HDMI</td>
</tr>
<tr>
<td>Resolutions supported</td>
<td>1080p/1080i/720p/576p/576i/480p/480i</td>
</tr>
<tr>
<td>Range</td>
<td>Up to 656ft (200m)*</td>
</tr>
<tr>
<td>Latency</td>
<td>&lt;200ms</td>
</tr>
<tr>
<td>Antenna</td>
<td>8&quot; (203mm) Omni-directional 5dBi</td>
</tr>
<tr>
<td>Encryption</td>
<td>AES 128</td>
</tr>
<tr>
<td>Video amplifier bandwidth</td>
<td>6.75Gbps</td>
</tr>
<tr>
<td>Video input connector</td>
<td>HDMI Type A 19-pin female</td>
</tr>
<tr>
<td>Maximum input cable length</td>
<td>24AWG: 32' (10m); 26AWG: 16' (5m); 28AWG: 10' (3m)</td>
</tr>
<tr>
<td>IR Pass-through</td>
<td>20~60 kHz</td>
</tr>
<tr>
<td>Operating voltage</td>
<td>5VDC</td>
</tr>
<tr>
<td>Power supply</td>
<td>5VDC/3A (2 adapters) (2.1mm plug)</td>
</tr>
<tr>
<td>ESD Protection (human body model)</td>
<td>±15kV (Air-gap discharge), ±8kV (Contact discharge)</td>
</tr>
<tr>
<td>Current draw</td>
<td>Transmitter 1.5A@5VDC</td>
</tr>
<tr>
<td></td>
<td>Receiver 1.3A@5VDC</td>
</tr>
<tr>
<td>Operating temperature</td>
<td>32°<del>140° F (°0</del>60° C)</td>
</tr>
<tr>
<td>Operating humidity</td>
<td>0~95% RH (non-condensing)</td>
</tr>
<tr>
<td>Dimensions</td>
<td>711/16&quot;x57/16&quot;x11/4&quot; (195x138x31mm)</td>
</tr>
<tr>
<td>Weight</td>
<td>Transmitter 18.7-oz (531g)</td>
</tr>
<tr>
<td></td>
<td>Receiver 18.6-oz (528g)</td>
</tr>
</tbody>
</table>

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

Overview:

1. 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.

2. Connect the transmitter unit to the HDMI port of the source device via an HDMI cable.

3. Connect the receiver unit to the HDMI port of the monitor via an HDMI cable.

4. 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.

5. Connect the included power supplies to both the transmitter and receiver units.

6. 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.

7. If required, mount the transmitter and receiver units using the mounting holes (mounting screws not included).

Installation:
ENFORCER Long-Range Wireless Extender for HDMI

Troubleshooting:

HDMI device does not function properly
- Make sure the extender is powered on both sides.
- Make sure the source and display are powered.
- 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.

Screen flickering or brief image loss
- Switch the source device to a lower HDMI output (i.e. 1080p to 1080i)
- Change the positioning of the transmitter and receiver away from any potential sources of interference

Monitor displays "Waiting for connection..."
- Make sure that the power supplies of both transmitter and receiver are firmly connected.

Monitor displays "Please check the TX input signal"
- 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.

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 UNDESIRABLE 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.

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SECO-LARM® U.S.A., Inc.
16842 Millikan Avenue, Irvine, CA 92606
Phone: (949) 261-2999 | (800) 662-0800
Website: www.seco-larm.com
Email: sales@seco-larm.com

SECO-LARM U.S.A., Inc.