

4K HDMI Splitters

Installation Manual



MVD-AH14-01Q shown



Model	Type
MVD-AH12-01Q	4K 1x2 HDMI Splitter
MVD-AH14-01Q	4K 1x4 HDMI Splitter

The ENFORCER 4K HDMI Splitters allow for one HDMI source to simultaneously transmit to up to four different monitors. The splitters work with most HDMI devices, delivering the very best in digital audio and video signals with HD resolutions of up to 4K@60Hz. An LED indicator clearly displays power status as well as which outputs are active. The 4K HDMI Splitters can be daisy-chained up to four levels for even more outputs.

- Transmits an HDMI source to up to two (MVD-AH12-01Q) or four (MVD-AH14-01Q) different HDMI displays
- Additional splitters can be daisy-chained for more outputs
- HDR Support
- Supports up to 4K@60Hz resolution and 3D video
- Individual status LEDs for each HDMI output
- Two EDID management settings
- One 5VDC power supply included

Parts List

1x 4K HDMI Splitter

1x 5VDC Power supply

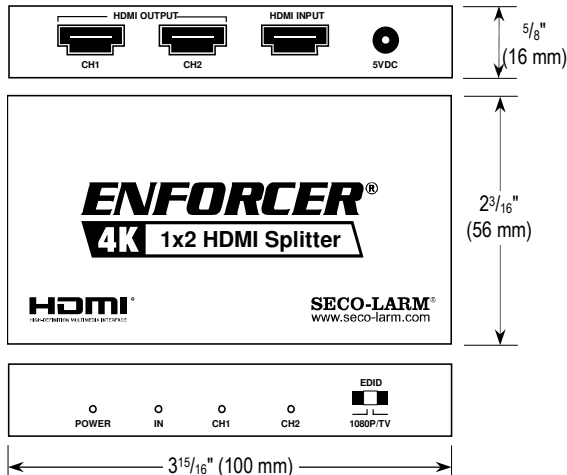
1x Manual

Specifications

Model	MVD-AH12-01Q	MVD-AH14-01Q
Type	4K HDMI Splitter	
Maximum single link range	4K*2K@60Hz	
Deep color	24bit RGB/YCBCR 4:4:4	
Video formats supported	HDMI 2.0b, HDCP 2.2	
Audio formats supported	LPCM 7.1 CH Dolby TrueHD, DTS-HD Master Audio	
Output video	HDMI	
HDR support	Yes	
Resolutions supported	4K/1080p/1080i/720p/576p/576i/480p/480i	
Video amplifier bandwidth	600MHz/18Gbps	
Video input connector	1x HDMI Type A 19-pin female	
Max. input cable length	24AWG: 50' (15m); 26AWG: 30' (10m); 28AWG: 16' (5m)	
Video output connector	2x HDMI Type A 19-pin female	4x HDMI Type A 19-pin female
Max. output cable length	24AWG: 50' (15m); 26AWG: 32' (10m); 28AWG: 16' (5m)	
Operating voltage	5VDC	
Power supply	1A@5VDC (2.1mm plug)	
ESD protection	±8kV (air-gap discharge), ±4kV (contact discharge)	
Current draw	2W	
Operating temperature	32°~104° F (0°~40° C)	
Operating humidity	20~90% RH (no condensation)	
Dimensions	2 ³ / ₁₆ "x3 ¹⁵ / ₁₆ "x5 ⁵ / ₈ " (56x100x16 mm)	2 ¹ / ₂ "x6 ⁷ / ₁₆ "x5 ⁵ / ₈ " (63x163x16 mm)
Weight	6-oz (165g)	9-oz (260g)

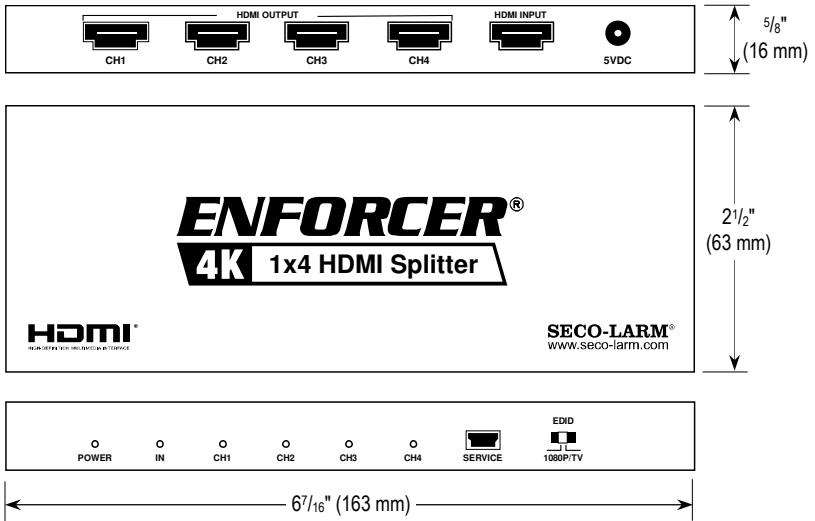
Overview

MVD-AH12-01Q



Overview (Continued)

MVD-AH14-01Q



Installation

1. Determine the location of where the 4K HDMI Splitter will be installed in relation to the HDMI source and HDMI displays.
2. Plug the HDMI source into the HDMI connector input on the splitter.
3. Plug the HDMI displays into the HDMI connector outputs on the splitter.
4. Plug the 5VDC adapter into the splitter.
5. Turn the HDMI source and displays on.
6. Adjust the EDID settings as necessary

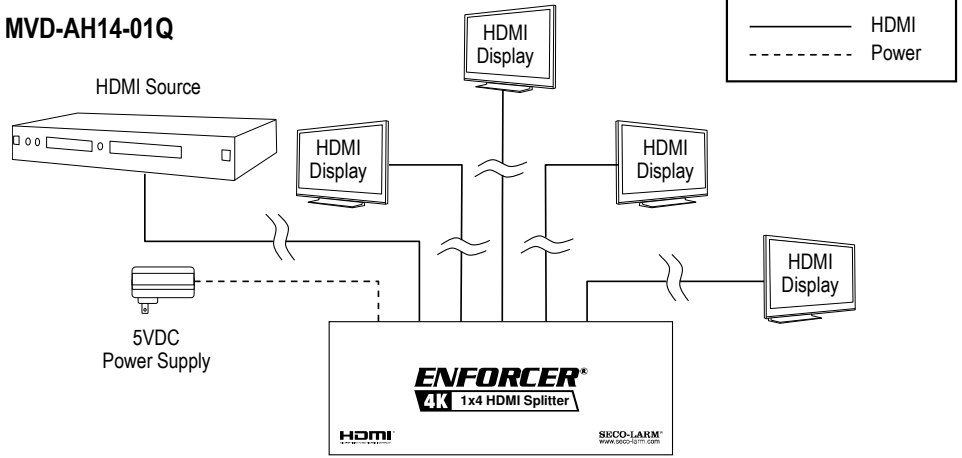
EDID Management Settings

TV — Copy the display resolution from Output 1 to other Output displays.

1080p — Limit the resolution to 1080p.

Sample Application

MVD-AH14-01Q



Troubleshooting

HDMI Device does not function correctly.

- Make sure the splitter is powered.
- Make sure the source and display(s) are powered.
- Make sure that there are no problems with the HDMI source, HDMI cables, or HDMI display(s) by plugging a source directly into the display using the HDMI cables.
- Make sure that the source and display(s) are plugged into the correct connectors.
- Make sure the HDMI source is compatible with the HDMI display(s).
- Make sure the HDMI input and output cables are used within the specified range (see Specifications).

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FCC COMPLIANCE STATEMENT

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.

IMPORTANT: Users and installers of this product are responsible for ensuring that the installation and configuration of this product complies with all national, state, and local laws and codes. SECO-LARM will not be held responsible for the use of this product in violation of any current laws or codes.

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