

4K HDMI® Splitters

Installation Manual



MVD-AH18-01Q shown



Model	Type
MVD-AH12-01Q	4K 1x2 HDMI Splitter
MVD-AH14-01Q	4K 1x4 HDMI Splitter
MVD-AH18-01Q	4K 1x8 HDMI Splitter

The ENFORCER 4K HDMI® Splitters allow for one HDMI source to simultaneously transmit to up to eight 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), four (MVD-AH14-01Q), or eight (MVD-AH18-01Q) 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
- Power supply included

Parts List

1x 4K HDMI® Splitter

1x Power supply

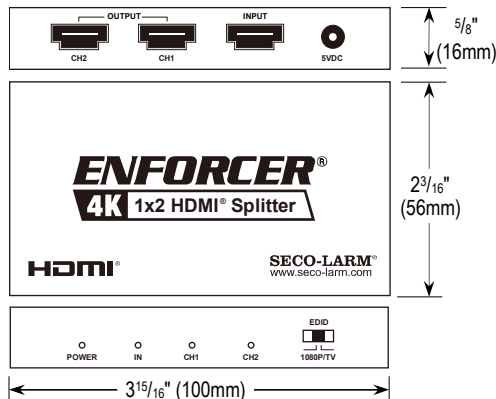
1x Manual

Specifications

Model	MVD-AH12-01Q	MVD-AH14-01Q	MVD-AH18-01Q
Type	4K HDMI Splitter		
Maximum single link range	4K2K@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	8x HDMI Type A 19-pin female
Max. output cable length	24AWG: 50' (15m); 26AWG: 32' (10m); 28AWG: 16' (5m)		
Operating voltage	5VDC		12VDC
Power supply	1A@5VDC (2.1mm plug)		1A@12VDC (2.1mm locking 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	3 ¹⁵ / ₁₆ "x ⁵ / ₈ "x2 ³ / ₁₆ " (100x16x56mm)	6 ⁷ / ₁₆ "x ⁵ / ₈ "x2 ¹ / ₂ " (163x16x63 mm)	9 ⁹ / ₁₆ "x ⁵ / ₈ "x4" (243x16x102 mm)
Weight	6-oz (165g)	9-oz (260g)	9.6-oz (272g)

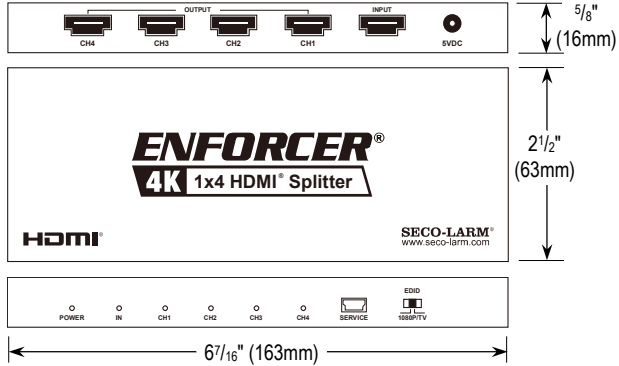
Overview

MVD-AH12-01Q

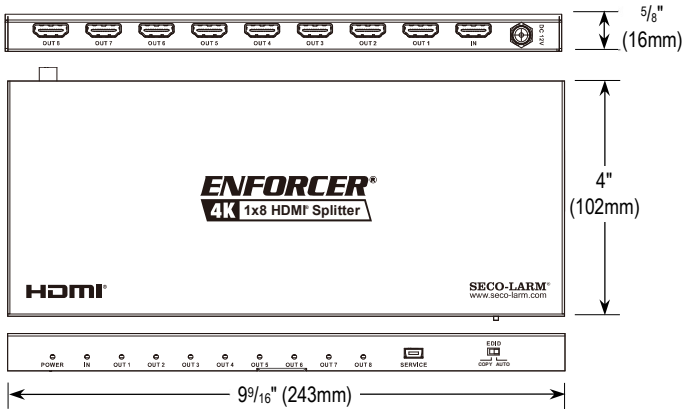


Overview (Continued)

MVD-AH14-01Q



MVD-AH18-01Q



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 power supply into the splitter.
5. Turn on the HDMI source and displays.
6. Adjust the EDID settings as necessary.

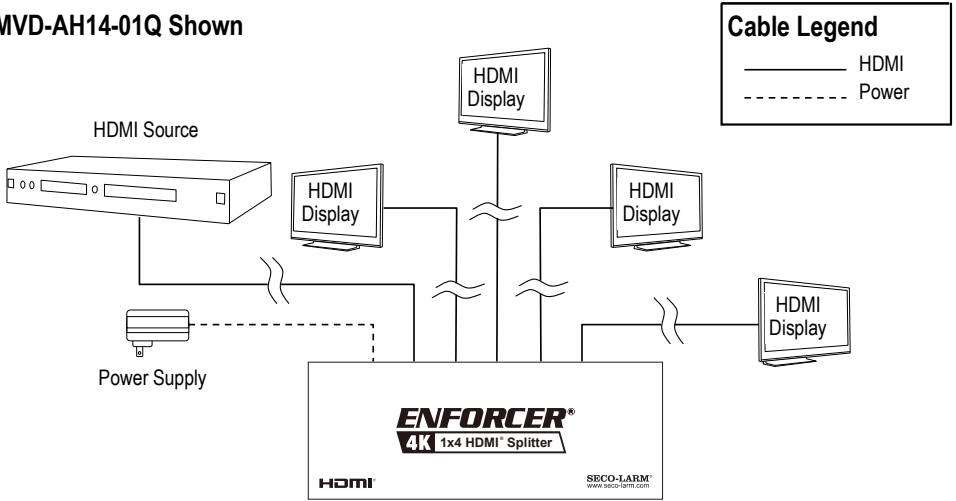
EDID Management Settings

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

1080p — Limit the resolution to 1080p.

Sample Application

MVD-AH14-01Q Shown



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*).

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 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.

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.

California Proposition 65 Warning: These products may contain chemicals which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

WARRANTY: This SECO-LARM product is warranted against defects in material and workmanship while used in normal service for one (1) year 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

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