

ENFORCER

MVD-V1201-1Q

VGA Distributor over Cat5e/6 with Audio
1-In / 2-Out

Manual



- Distributes a video signal on both a primary and secondary display
- Extends VGA cable range up to 459' (140m) using Cat5e/6 at 1920x1200 resolution
- Allows for Gain and Peak adjustment

SLI SECO-LARM



NOTE: Model numbers that end with "Q" or products that have a round green "Q" sticker signify RoHS compliance.

Introduction:

The MVD-V1201-1Q is the perfect device for playing video and audio in both local and remote locations. The MVD-V1201-1Q not only extends the range of traditional VGA cabling methods up to 984' (300m), but it also transmits to one local and one remote station. The ability to transmit to a remote secondary display makes the MVD-V1201-1Q ideal for video playback in security, business, digital signage, and classroom settings.

Features:

- Dual output allows for playback on both a local display and a remote secondary display.
- Extends VGA and stereo audio signals up to 459' (140m) over one UTP Cat5e/6 at 1920x1200 resolution. Extends up to 984' (300m) with 640x480 resolution.
- Allows for Gain and Peak adjustment to adapt to different UTP cable lengths. Use Gain for brightness adjustment and Peak for skew adjustment.
- The MVD-V1201-1Q comes as complete set consisting of a transmitter and receiver.
- Works with computer monitors and other VGA display units.

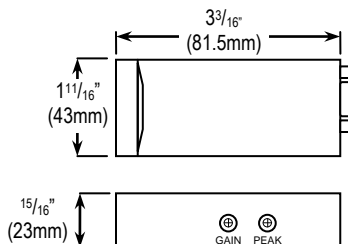
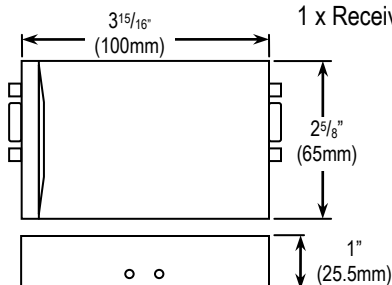
Specifications:

VGA connectors		Female 15 pin
Number of inputs		1
Number of outputs		2
Number of local outputs		1
Vertical frequency range		60/75/85Hz
Range	640x480; 800x600	984' (300m)
	1024x768	820' (250m)
	1280x720; 1280x1024; 1280x768; 1280x960	656' (200m)
	1600x900; 1600x1200	492' (150m)
	1920x1080; 1920x1200	459' (140m)
Size	Transmitter	3 ¹⁵ / ₁₆ "x2 ⁵ / ₈ "x1" (100x65x25.5 mm)
	Receiver	3 ³ / ₁₆ "x1 ¹¹ / ₁₆ "x ¹⁵ / ₁₆ " (81.5x43x23 mm)
Weight	Transmitter	7.3-oz (208g)
	Receiver	3.8-oz (108g)
Power consumption		400mA@5VDC
Operating temperature		32°~158° F (0°~70° C)
Operating humidity		10%~85% RH
Storage temperature		14°~176° F (-10°~80° C)
External power supply		2A@5VDC (2 adapters included) (2.1mm plug)

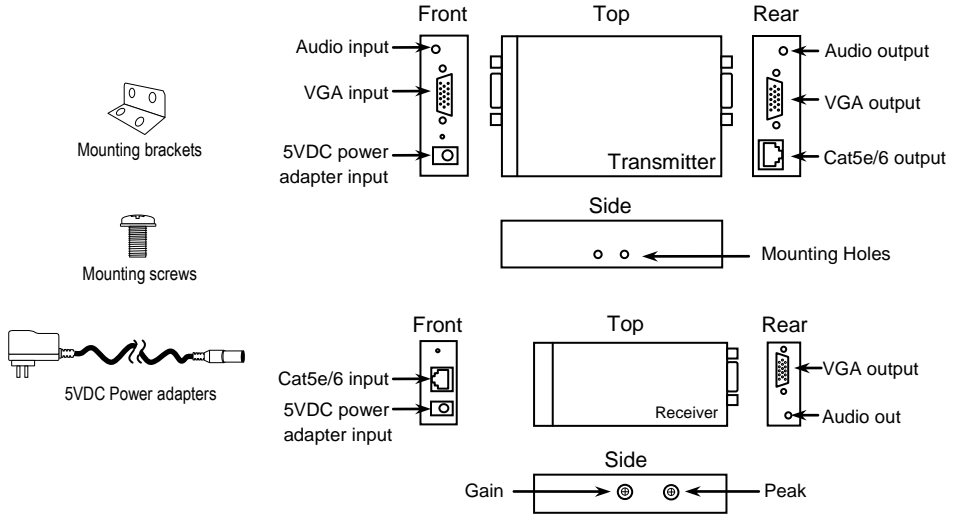
Dimensions:

Parts list:

- 1 x Transmitter 2 x 5VDC power adapters 4 x Mounting screws
 1 x Receiver 2 x Mounting brackets 1 x Manual



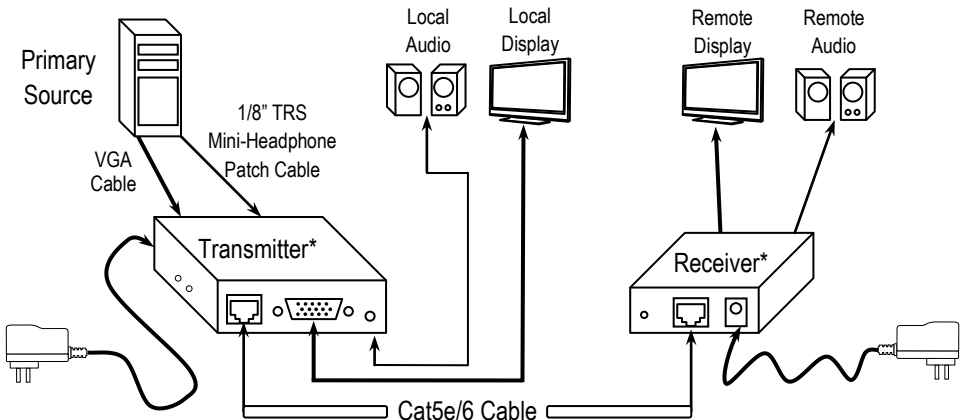
Overview:



Installation:

1. Determine the location where the MVD-V1201-1Q will be wired as well as how much Cat5e/6 cable will be necessary.
2. Connect the VGA source to the transmitter's VGA Input using a VGA cable.
3. Connect the audio source to the transmitter's Audio In using a 1/8" TRS mini-headphone patch cable.
4. Connect a local display to the transmitter's VGA Output using a VGA cable.
5. Connect a local audio output device to the transmitter's Audio Out using a 1/8" TRS mini-headphone patch cable.
6. Connect a Cat5e/6 cable between the receiver and transmitter units.
7. Connect a secondary display to the receiver's VGA output using a VGA cable.
8. Connect a secondary audio output device to the receiver's Audio Out using a 1/8" TRS mini-headphone patch cable.
9. Connect one 5VDC adapter to the transmitter and one to the receiver.
10. If necessary, use a screwdriver to adjust the Gain and Peak on the side of the receiver.
11. If necessary, mount the transmitter to a wall or other surface using mounting brackets and mounting screws.

Sample Application:



*Replacement receivers are available for order: MVD-V1101-1RQ. Transmitters may not be purchased separately.

Troubleshooting

Image is weak, faded, or blank

- Reduce cable length.
- Replace with a higher-grade cable. MVD-V1201-1Q works with Cat5, but Cat5e and Cat6 allow for maximum range.
- Adjust gain and peak.
- Check to make sure one power supply is connected to the transmitter and another is connected to the receiver.
- Check the power supplies of all devices connected to the extender.
- Make sure the extender is powered on both sides.
- Make sure the source and displays are powered.
- Make sure the transmitter and receiver are plugged into the correct units

Products Available from SECO-LARM:



**Component Video Baluns
Over Cat5e/6**



HDMI over Cat5e/6



**VGA to HDMI
Converter**



HDMI Cables



Audio Baluns



HDMI Switcher

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SECO-LARM® U.S.A., Inc.

16842 Millikan Avenue, Irvine, CA 92606
Tel: 800-662-0800 / 949-261-2999 Fax: 949-261-7326

Website: www.seco-larm.com
E-mail: sales@seco-larm.com

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