

# 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.

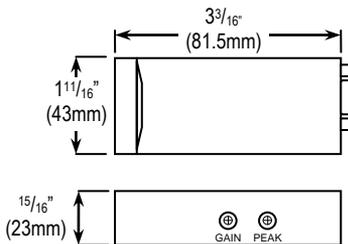
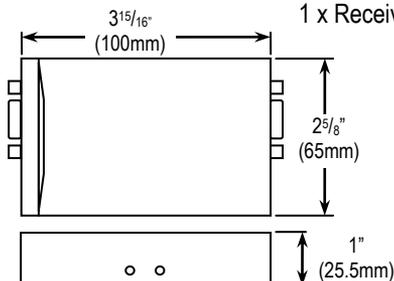
## Specifications:

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 <sup>15</sup> / <sub>16</sub> "x2 <sup>5</sup> / <sub>8</sub> "x1" (100x65x25.5 mm)
	Receiver	3 <sup>3</sup> / <sub>16</sub> "x1 <sup>11</sup> / <sub>16</sub> "x <sup>15</sup> / <sub>16</sub> " (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)

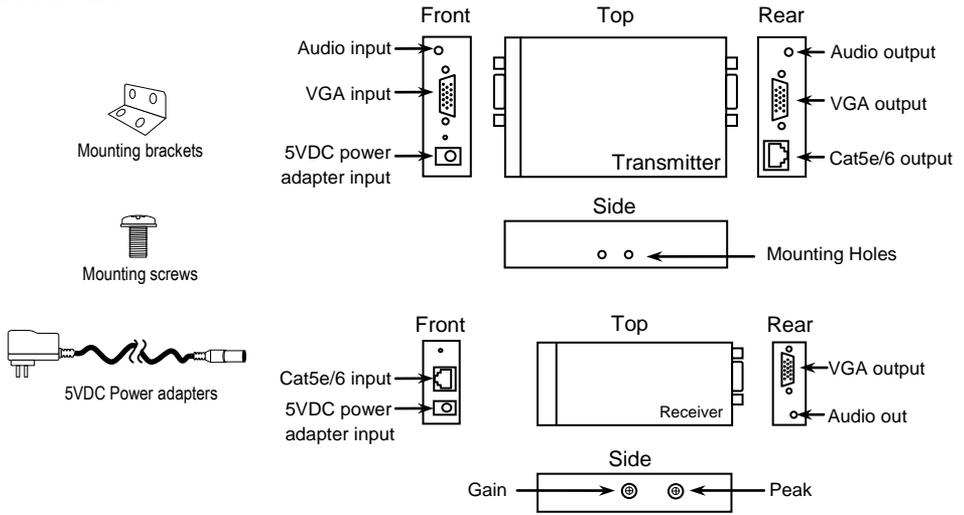
## Dimensions:

## Parts list:

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



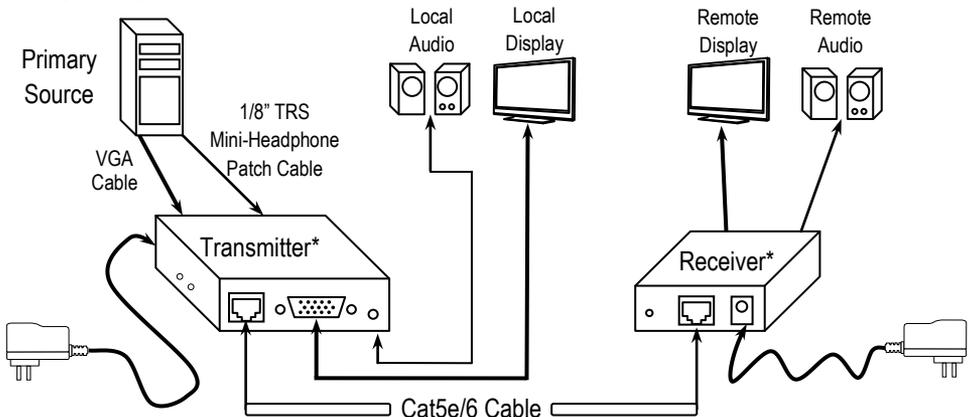
**Overview:**



**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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