

Troubleshooting:

VGA device does not function correctly

- Make sure the power, input and output cables are firmly connected to the converter.
- Make sure the video input device is turned on.
- Make sure the video output device is turned on.
- Test the coaxial cable between the video source and the converter to make sure it is functional.
- Test the VGA cable between the video monitor and the converter to make sure it is functional.
- Make sure the monitor being used can support 720 x 480 resolution

Power LED indicator not lit

- Make sure power is connected to the converter

Also Available from SECO-LARM:

Passive VGA Balun



EVT-SBP-GQ

Low-cost way to transmit VGA signals up to 450' @ 640 x 480 resolution.

Passive Video Balun



EVT-PB1Q

The fast, easy way to connect a CCTV camera to a monitor, multiplexer, or video recorder.

Video Distributor
1 Input, 2 outputs



VA-1102B-WQ

Distributes a single video input to two video outputs .

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



BNC to VGA Converter

MANUAL

VC-1BAQ

(Power Adapter Included)

VC-1BBQ

(Power Adapter Not Included)



Note: Products with model numbers that end with "Q" or that have a round green "Q" sticker are RoHS compliant.



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Introduction:

The SECO-LARM VC-1BAQ BNC to VGA Converter is the ideal way to transform an analog video signal into a digital VGA signal. The converter allows any display unit with a VGA input to display video signals coming from a BNC connector. Traditional CCTV monitors can now be replaced by any display unit with VGA input. The BNC to VGA Converter is compact and can be mounted nearly anywhere including on the VESA mount found on most LCD monitors.

Specifications:

Input signal	Composite video 1Vp-p 75ohm BNC jack
Output signal	VGA: 0.7 Vp-p RGB, 15 pin female D-sub
Current consumption	200mA@5VDC
Maximum resolution	NTSC: 720x480, PAL: 720x576
Power source	500mA@5VDC, 2.5mm jack
Dimensions	5 3/4" x 2 11/16" x 1 1/8" (145x67x27.5 mm)
Weight	7.8-oz (220g)

Features:

- Converts almost any LCD monitor into a security monitor.
- Compact size, perfect for plug and play installation.
- Desktop, wall or VESA mountable.
- On-screen display (OSD) functions: color, contrast, tint and brightness.
- Automatically detects NTSC / PAL.
- Video input auto-configure.
- Memory retains settings after power failure.

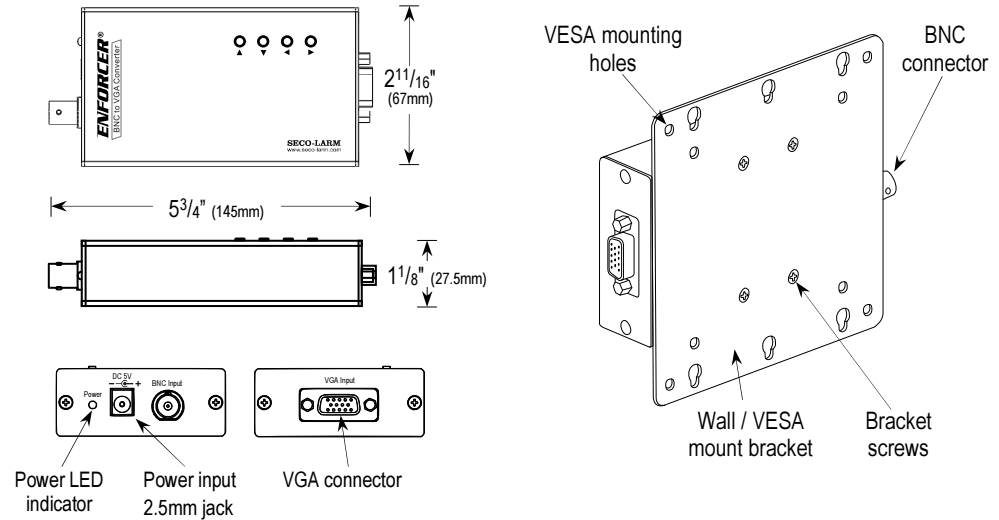
Parts List:

BNC to VGA converter	x 1	Rubber feet	x 4	Manual	x 1
Bracket screws	x 4	Mounting bracket	x 1	5VDC power adapter	x 1
VESA mount screws	x 4	(VESA-compatible)		(VC-1BAQ only)	

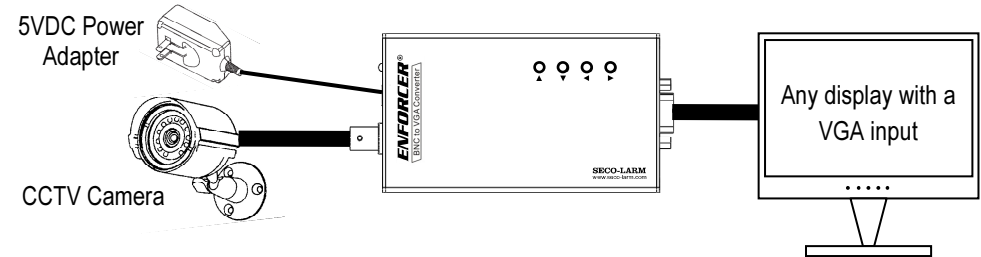
Installation:

1. Determine the location of where the BNC to VGA converter will be installed.
2. Plug the BNC cable into the female-BNC port on the converter.
3. Plug the VGA cable into female-VGA port on the converter.
4. Plug the 5VDC adapter into the converter unit.
5. Turn on the display and the video output device to which the converter is connected.
6. Use the on-screen menu to adjust the brightness, contrast, tint and color until the picture is displayed correctly. See page 3, **On-Screen Display Programming and Menu Controls.**
7. If needed, adjust your monitor settings according to the manufacturer's instructions.

Overview:



Sample Application:

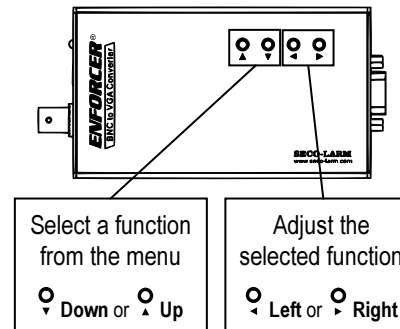


On-Screen Display Programming and Menu Controls:

The BNC to VGA Converter has an on-screen display (OSD) to adjust the video signal being shown. **Press any button to enter the OSD.**

Using the menu controls:

There are four functions to adjust the video signal being shown:



Brightness	Determines the relative amount of light displayed
Contrast	Determines the relative difference between light and dark objects
Color	Determines the relative shade of the colors displayed
Tint	Determines the relative hue of the colors displayed on the screen

Directions above are relative to the drawing shown.