



## INSTALLATION MANUAL

### **ST-BNC/VGA** **Baseband Video to VGA Converter**



## PACKAGE CONTENTS

This package contains:

- One ST-BNC/VGA baseband video to VGA converter
- One power supply
- One VGA cable
- One S-Video cable
- One installation manual

## PRODUCT DESCRIPTION

The ST-BNC/VGA converts Composite Video Baseband Signal (CVBS), Video and S-Video baseband signals to VGA video. The unit has 1 BNC, 1 S-Video and 1 VGA input connections and 1 VGA output. The unit offers display resolutions up to 1280x1024. Display features adjustable brightness, contrast, saturation and hue as well as image freeze. The ST-BNC/VGA's non-volatile memory allows settings to be retained in event of power loss.

## SPECIFICATIONS

### ST-BNC/VGA

Specifications (Typical)

1. Video Output	1 channel VGA
2. Video Input	1 channel VGA in 1 channel S-Video in 1 channel BNC Video in 1Vp-p @75Ω
3. Video Signal	S-Video, Video and CVBS in; VGA out
4. Output Resolution	800x600, 1024x768, 1024x1440, 1280x1024
5. Power	5VDC@1A
6. Dimensions	3.7"x2.2"x1"
7. Weight	7 oz.

# INSTALLATION AND OPERATION



This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions.



This symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electrical shock.

**CAUTION: To reduce the risk of electrical shock do not remove the cover or back of this unit. No user serviceable parts are inside.**

**CAUTION: To prevent electric shocks and risk of fire hazards, do not use other than specified power source.**

## 1. UNPACKING and HANDLING

Each unit is shipped assembled and factory tested.

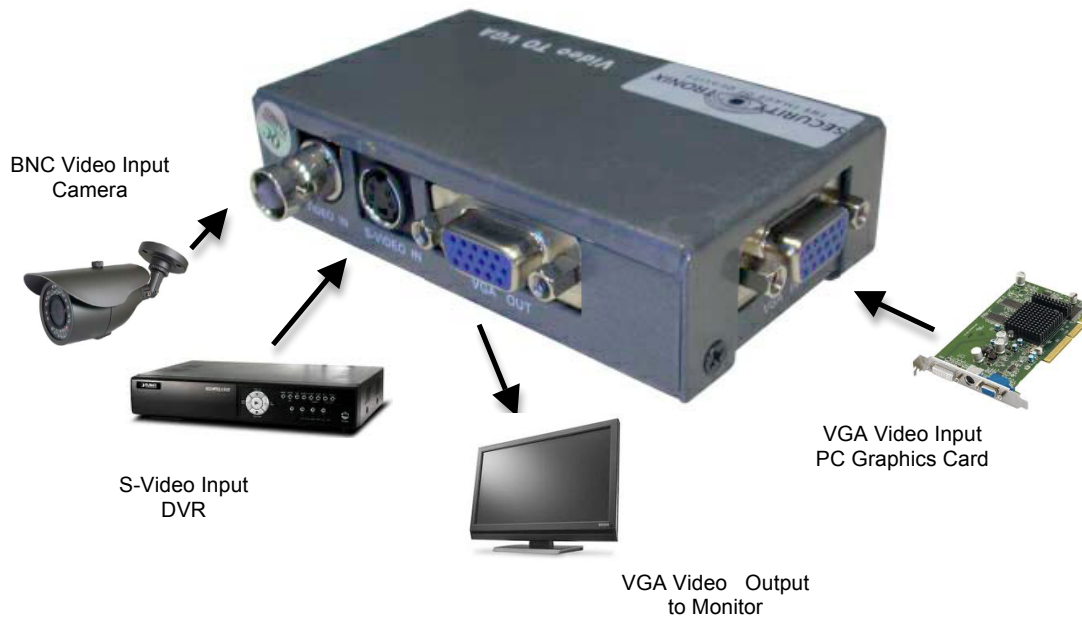
Ensure that all accessories are removed from the container before discarding packing material

## 2. MECHANICAL INSPECTION

Inspect the front and rear of the equipment for shipping damage. Make sure the equipment is clean, and no connectors are broken, damaged, or loose. If equipment appears to be damaged or defective please contact your distributor or SecurityTronix at 1-610-429-1511 for assistance.

## 3. WIRING CONNECTIONS

- a. VGA OUT – Using the supplied standard VGA cable connect the ST-BNC/VGA to a monitor.
- b. Video Input can be achieved in three ways:
  - VGA IN – Using a standard VGA cable connect the ST-BNC/VGA to a PC graphics card's VGA port.
  - BNC IN – Using a BNC cable connect the ST-BNC/VGA to a video input device (e.g. security camera) using the device's BNC port.
  - S-Video IN – Using the supplied S-Video cable connect the ST-BNC/VGA to a display or input device (e.g., DVR) using that device's S-Video port.



#### 4. CONFIGURATION and SETTINGS



- a. **AV/S-Video** – Video input selection switch to choose between CVBS and S-Video.
- b. **VGA** – VGA video input selection switch.
- c. **MENU** – Switch for adjustments among menu items: Brightness, Contrast, Color Saturation and Hue.
- d. **OK** – Confirms menu selection.
- e. **+** and **-** - Used to make adjustments under the menu items:
  - When BRI is displayed press + to increase image brightness, - to decrease.
  - When CON is displayed press + to increase image contrast, - to decrease.
  - When COL is displayed press + to increase the image's color saturation, - to decrease.
  - When HUE is displayed press + to increase the image hue, - to decrease.
- f. **RESET** – Press to perform hardware reset.

Troubleshooting assistance can be found on-line at [www.securitytronix.com](http://www.securitytronix.com) in addition to support from SecurityTronix sales engineers at 1-610-429-1511.