

BNC/S-Video to VGA Converter

Model: VCL-300VH

Supports Normal 4:3 and 16:9 / 16:10 Wide Screen! Up to 1680x1050!

VCL-300VH can convert the source signals of CVBS, Video and S-Video into VGA signal. With adoption of advanced video straight-through technology, the source signals of BNC, AV and S-Video can be converted into VGA signal without any data loss. What's more, the parameters of the program source such as brightness and contrast are adjustable. This video converter supports both normal 4:3 screen and 16:9 / 16:10 wide screen with output VGA resolution up to 1680x1050. It is suitable for connection of CCTV CCD cameras, DVRs, to PC monitor. 3-D video-processing tech is applied. The converted picture is rich in color and outputs at high definition without any distortion. The output video quality is better than the direct VGA output from DVR. It also supports plug-and-play; no driver program installation needed.

Features:

- Composite Video Input Interface: BNC
- Inputs: 1x Composite Video, 1x S-Video and 1x VGA
- Output: 1x VGA
- Switch between the 3 inputs to output any one of them to VGA
- VGA input is pass through to the VGA output without any processing
- Both NTSC & PAL are supported
- VGA Resolution: 800x600 @ 60Hz, 800x600 @ 75Hz, 1024x768 @ 60Hz, 1280x720 @ 60Hz, 1280x1024 @ 60Hz, 1440x900 @ 60Hz, 1600x900 @ 60Hz, 1680x1050 @ 60Hz
- 5V DC, 1000mA

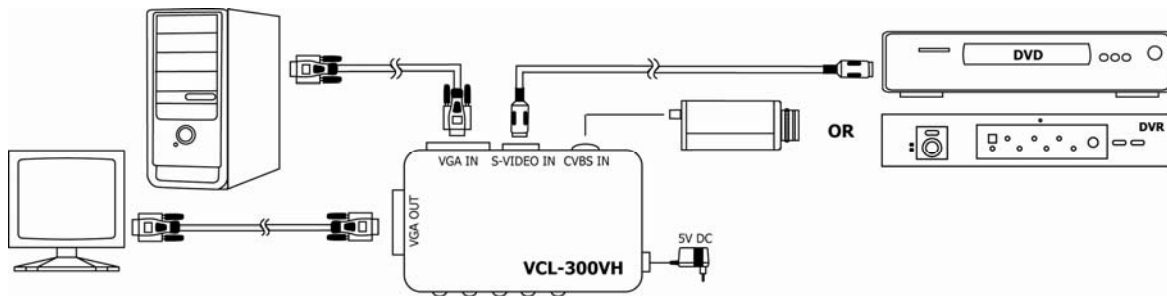


Front

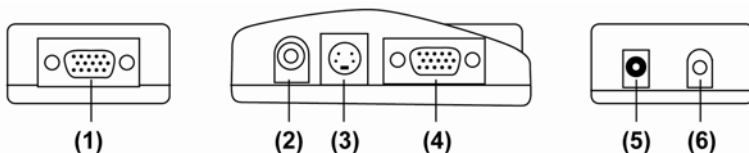


Rear

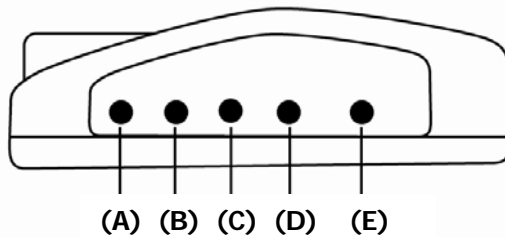
Application Diagram:



Parts & Functions:



- (1) VGA Out: To connect VGA display (Computer monitor or LCD)
- (2) CVBS In: To connect BNC composite video devices (e.g. CDD Camera, DVR, etc.)
- (3) S-Video In: To connect S-Video devices (e.g. DVD, STB, etc.)
- (4) VGA In: To connect PC host
- (5) 5V DC: To connect power supply
- (6) LED Indication



NOTE: Connect the product according to the application diagram on previous page.

(A) Input: Switch between input sources Composite Video, S-Video, and VGA.

(B) Menu: Click once to adjust brightness, contrast, saturation, and hue.

(C) Freeze/+ and (D) Resolution/-

- Under "BRI" menu, press **Freeze/+** to increase value of brightness and press **Resolution/-** to decrease value of brightness.
- Under "CON" menu, press **Freeze/+** to increase value of contrast and press **Resolution/-** to decrease value of contrast.
- Under "COL" menu, press **Freeze/+** to increase value of saturation and press **Resolution/-** to decrease value of saturation.
- Under "HUE" menu, press **Freeze/+** to increase value of hue and press **Resolution/-** to decrease value of hue.
- When menu is closed, press **Freeze/+** to freeze output display video.
- When menu is closed, press **Resolution/-** to select output resolution. Press **Input** and **Resolution/-** at the same time to restore the default settings.

Default Settings:

Signal input channel: CVBS

Output resolution: 800x600 @ 60Hz

Brightness: 35 Contrast: 50

Color saturation: 45 Hue: 0

(E) Wide Screen: Click it to switch between normal 4:3 screen and wide screen output.

Troubleshooting:

1. No VGA output displayed.
Check to see if the power is connected. Also check if the output equipment is in working condition. If blue screen or no screen is displayed, check to see if the video input port is selected correctly.

List of Components:

- S-Video Cable
- 5V DC Power Adaptor
- User Manual

Specifications:

Model	VCL-300VH
Inputs	1x Composite Video / 1x S-Video / 1x VGA
Outputs	1x VGA (R,G,B signal peak value: 0.7Vpp / Resistance: 75 Ohms)
System Signal & Resistance	1.0Vpp, 75 Ohms
Screen Ratio	4:3 Normal and 16:9 / 16:10 Wide Screen
TV System	Supports NTSC & PAL
VGA Resolution	800x600 @ 60Hz, 800x600 @ 75Hz, 1024x768 @ 60Hz, 1280x720 @ 60Hz, 1280x1024 @ 60Hz, 1440x900 @ 60Hz, 1600x900 @ 60Hz, 1680x1050 @ 60Hz
Power	5V DC
Power Consumption	1000mA

* Specifications are subject to change without notice



Caution:

- All devices must be properly grounded.
- The unit is not waterproof and should not be used outdoors.
- Do not handle the unit with wet hands.

Made in China

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