BNCSV-VGA-CNVTR

Video Converter User Manual
RCA / BNC To VGA
Thanks very much for purchasing our video converter. We sincerely hope this product will bring you wonderful visual enjoyment. Before using this product, please read this user manual carefully.

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The Manufacturer reserves the rights of modifying the function, design and system of this product without notice in advance.
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Introduction

This product applies advantaged video-converter technology, converting Composite Video and S-Video to VGA. It enables CCTV Camera, DVD, DVR, etc. to be displayed on PC Monitor or LCD.

Features

1. Convert Composite Video and S-Video to VGA
2. Support multiple input signal: Composite Video, S-Video and VGA
3. PAL/NTSC auto-detective
4. Output VGA Resolution supported:
   - 800×600@60HZ,
   - 800×600@75HZ, 1024×768@60HZ, 1280×1024@60HZ;
   - 1280×720@60HZ, 1440×900@60HZ,
   - 1600×900@60HZ, 1680×1050@60HZ.
5. Image-freezing function
6. Brightness, contrast, saturation and hue is adjustable
7. Auto-save settings and working status when power off
8. OSD (On-Screen Display) function
9. Dimension: 105mm (L) × 65mm (W) × 27 mm (H)

Note: OEM & ODM service is offered. The Manufacturer is capable of making modification on its current models and developing new products as per customer design.
III. Accessory List

<table>
<thead>
<tr>
<th>Item</th>
<th>Qty</th>
<th>Remark</th>
</tr>
</thead>
<tbody>
<tr>
<td>Converter Box</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>RCA Composite cable</td>
<td>1</td>
<td>Only applicable for RCA-interfaced</td>
</tr>
<tr>
<td>S-Video cable</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Power supply</td>
<td>1</td>
<td>5V/1A</td>
</tr>
<tr>
<td>User manual</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

IV. Connection Image
V. Interface Specification

VGA Out............. Connect PC monitor or LCD
Video In............. Connect Composite Video devices (DVD, DVR, CCTV Camera, etc)
S-Video In........... Connect S-Video devices
VGA In................ Connect PC host
DC 5V................. Connect power supply

VI. Installation

1. Attach cables as per "VII. Connection Image"
2. Set the converter box at the right input mode. Settings of Function Key:
   (1) **Input**: Switch between input sources Composite Video >> S-Video >> VGA
   (2) **Menu**: Click it to adjust lightness, contrast, saturation and hue.
   (3) **Freeze/+** and (4) **Resolution/-**

   Under "BRIGHT" Menu, **Freeze/+**: increase value of lightness;
   **Resolution/-**: decrease value of lightness.

   Under "CONTRAST" Menu, **Freeze/+**: increase value of contrast;
   **Resolution/-**: decrease value of contrast

   Under "COLOR" Menu, **Freeze/+**: increase value of saturation,
   **Resolution/-**: decrease value of saturation

   Under "HUE" Menu, **Freeze/+**: increase value of hue;
   **Resolution/-**: decrease value of hue
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When menu is closed, Click: **Freeze/+** to freeze or unfreeze output display;
When menu is closed: Click: **Resolution/-** to select output resolution;
  800×600@60HZ, 800×600@75HZ, 1024×768@60HZ, 1280×1024@60HZ
Click **Wide Screen** to select wide-screen resolution;
  1280×720@60HZ, 1440×900@60HZ,
  1600×900@60HZ, 1680×1050@60HZ.

Press **Input** and **Resolution/-** at the same time: Default Setting
Default Setting: **Input**: Composite Video; **Output Resolution**: 1024×768@60HZ
  Brightness: 45; Contrast: 50; Saturation: 28; Hue: 0

3. Guidelines for Installation:
Power supply: Please use 5V/1A power supply, otherwise, the convert box may refuse to work normally or get burnt.

Input Video Signal:
Composite Video (PAL/NTSC auto-detective) and S-Video.
Max Signal: 1.0Vpp
Impedance: 75 Ω
Output VGA (When select Composite Video or S-Video):
R, G, B Max Signal: 0.7Vpp  Impedance: 75 Ω
Vertical sync Max signal: 3Vpp  Impedance: 75 Ω
Horizontal sync Max signal: 3Vpp  Impedance: 75 Ω

Key:
Key Type: Independent type
Single Key Operation: Press the key for at least 75 milliseconds
Combination Key Operation: Press one key and the other key at the same time, and hold on for at least 75 milliseconds and release the two keys.

VII. Troubleshooting

1. **No output**
   Please check power supply is in good condition and LED lights.

2. **Output blue screen**
   Click "Input" key to select the input mode that the source is connected.
Connection Sketch of Video Converter