



Converter Series

User Manual

Model : AD001H

High Resolution Video to VGA Converter
(BNC input to 1 x VGA and 1 x BNC output)



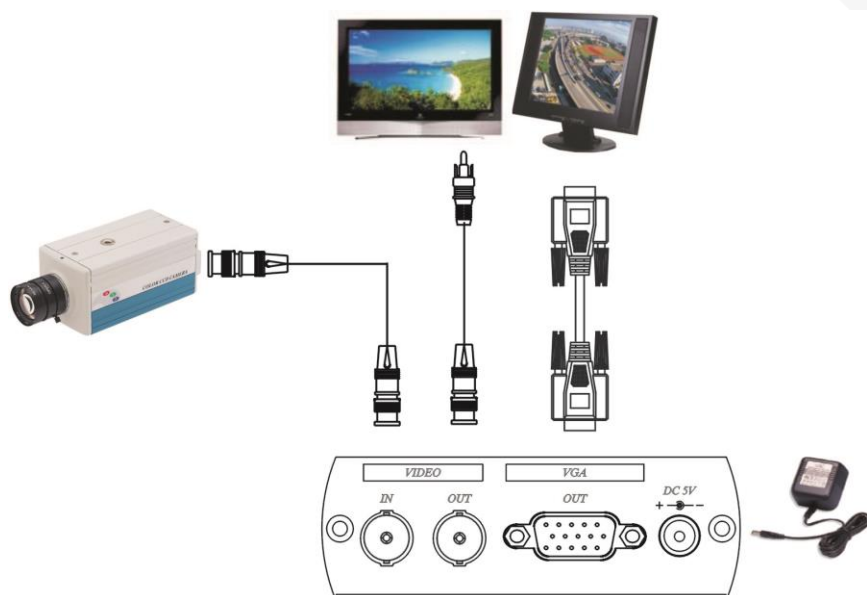
Introduction

AD001H is a CVBS to VGA converter that supports NTSC/ PAL video formats for CVBS. The converter also has an extra BNC output for a DVR. It's an easy-to-use device that supports OSD (On Screen Display) menu to show the current setting status on the monitor and supports auto memory function to restore the previous user's settings.

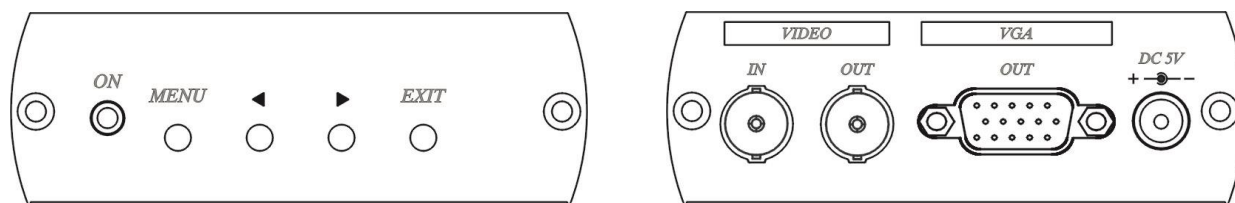
Features

- Converts CVBS to VGA.
- Resolution up to NTSC/ PAL@50/60Hz for CVBS, 1280x1024@60Hz for VGA.
- Built-in local loop out for extra analog video output.
- Supports OSD menu to show the parameters of brightness, contrast, saturation, Hue, sharpness, resolution.
- Built in ESD protection.
- Supports auto memory.
- Built-in video auto gain control for video loss compensation.

Installation View



Panel View



Operation Controls and Function

Button Function:

MENU: OSD ON

EXIT: OSD OFF

◀ ▶ Decrease / increase

OSD Menu

BRIGHTNESS

CONTRAST

SATURATION

HUE

SHARPNESS

RESOLUTION

Button Function: ◀ ▶ Up / Down

Features Menu

BRIGHTNESS

CONTRAST

SATURATION

HUE

SHARPNESS

Button Function: ◀ ▶ Select feature setup for decrease / increase, press MENU for next function

Resolution

Press ▶ to select resolution.

640X480

800x600

1024x768

1280x1024

After setup, press Exit will be auto save and turn off OSD mode.

Remark

1. If there is no any adjustment under OSD mode, OSD will auto turn off after 20 seconds.
2. OSD function only display on VGA output mode.
3. Initialize factory default value.: Unplug the power adaptor, then press Exit button and plug the power adaptor.

NOTE: Wrong Resolution setting will cause the picture not display, please initialize factory default value.

Specification

| | |
|--------------------------|---|
| ITEM NO. | AD001H |
| Support | |
| Video Format | CVBS, VGA |
| Max. VGA Resolution | 1280 x 1024@60Hz |
| Max. CVBS Resolution | 480i, 576i (NTSC/ PAL) |
| Ports & Interfaces | |
| Video Input | 1 x 75Ω BNC, 1 Vp-p |
| Video Output | 1 x 0.7 Vp-p RGB, 15pin D female, 1 x 75Ω BNC, 1 Vp-p |
| Power | |
| Power Supply | DC5V 1A Regulated |
| Power Consumption | 800mA |
| Ambient Temperature | |
| Operation | 0 to 55°C |
| Storage | -20 to 85°C |
| Humidity | up to 95% |
| Physical Characteristics | |
| Dimensions | 88 x 95 x 30mm |
| Weight | 205g |