

User Manual

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



Part Number: PSG08195

Introduction

The product 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.

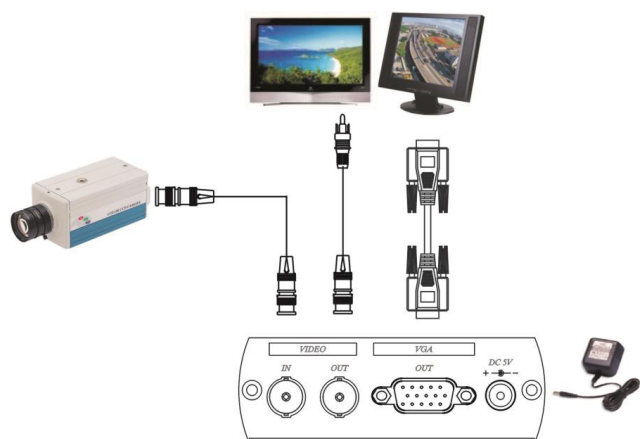
Supports OSD menu to show the parameters of brightness, contrast, saturation, Hue, sharpness, resolution.

Built in ESD protection.

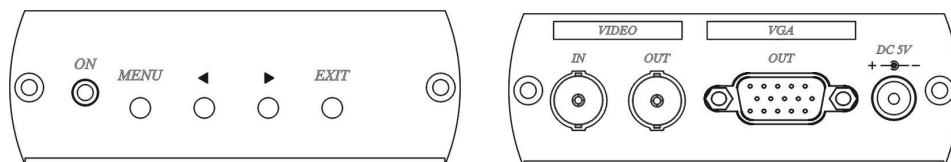
Supports auto memory.

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.

640×480
800×600
1024×768
1280×1024

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.

Specifications

Support

Video Format : CVBS, VGA
Max. VGA Resolution : 1280 × 1024 @ 60Hz
Max. C VBS Resolution : 480i, 576i (NTSC / PAL)

Ports & Interfaces

Video Input : 1 × 75Ω BNC, 1Vp-p
Video Output : 1 × 0.7Vp-p RGB, 15 pin D female , 1 × 75Ω BNC, 1 Vp-p
Power
Power Supply : DC5V 1A Regulated
Power Consumption : 800mA

Ambient Temperature

Operation	: 0°C to +55°C
Storage	: -20°C to +85°C
Humidity	: up to 95%

Physical Characteristics

Dimensions	: 88mm × 95mm × 30mm
Weight	: 205g

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