

RGB to Video Converter

[RGB-VIDEO-CV04]

Features

- The unit is pure hardware design, plug and play.
- It supports RGB signal converting to video signal and S-Video signal.
- Switchable PAL/NTSC video system.
- Adjustable 3 colour (RGB) brightness.

Specifications

Power	DC + 8~15V Consumption- 1.5W maximum
Input	RGB- Video Analog RGB 3.0VP-P Max 75ohms. RGB Sync Negative composite, Separate TTL 5.0VPP.
Output	Composite Video Video- 1.0VP-P +/- 0.2VPP ohms. Sync- Negative/Positive Sync. S-Video Y- 0.7VPP +/- 0.2VP-P 750 ohms. C- 0.3VPP +/- 0.1VP-P.
Video Connector	INPUT RGB-5 Pin male (R, G, B, GND, S). RGB- 6 Pin male (R, G, B, GND, H, V). OUTPUT Video-RCA Jack. S-Video- 4 Pin Mini-Din Connector.
User Controls	VR (R, G, B, gain adjust), NTSC/PAL SW.
Environmental Limits	Operating Temp- 0~50 Degrees Celsius Storage Temp- -20~70 Degrees Celsius
Overall Dimensions	17.5 (H) x 86 (W) x 59 (D) mm

Introduction

With this pure hardware design, the unit converts RGB signal into PAL or NTSC. No software is required and features adjustable RGB colors.



Pinassignment

CON1:	R
	G
	B
	GND
	Horizontal Sync
	Vertical Sync
CON2:	R
	G
	B
	GND
	Sync
CON3:	DC Input + 8 ~ 15 V
CON4:	S-Video Output
CON5:	Composite Video Output
VR1:	RGB gain adjust- red
VR2:	RGB gain adjust- green
VR3:	RGB gain adjust- blue
SW1:	PAL/NTSC switch

Precautions

1. Do not expose this product to direct sunlight.
2. Keep the unit away from radiator, heat sources and magnetic field.
3. Do not place it in very dusty or humid locations.
4. Use this unit in a horizontal position only.
5. Do not put heavy objects on top of the converter.
6. Put the unit in an open space that has good ventilation.
7. If the unit is acting abnormally keep the unit away from TV or other electronic equipment.
8. Unplug the unit from the power supply when it is not to be used for a long period of time.