What's in the Box?

PART NO.	QTY	DESCRIPTION
SMCYPB2VGA	1	YPbPr to VGA active Converter Includes: [CYPPB2VGA & (PS5VD2A)]
Power Supply	1	PS5VDC2A
User Manual	1	

Technical Specifications

VGA VIDEO	
Format	VGA RGB Analog (75Ω, 0.7Vp-p)
Resolution	Up to UXGA (1600x1200)
Input Interface	(1) HD-15 Female
Output Interface	(1) HD-15 Female
Sync	H/V Separated (TTL)

COMPONENT VIDEO	
Format	(RCA) Y (75Ω, 1.0Vp-p), PbPr (75Ω, 0.7Vp-p)
Resolution	480i, 480p, 576i, 576p, 720p, 1080i, 1080p (24/25/30Hz)

AUDIO	
Analog Input	RCA R/L x 1 (10KΩ), 3.5mm x 1 (10KΩ)
Analog Output	3.5mm x 1 (10KΩ)
Digital Input	Optical x 2
Digital Output	Optical x 1

OTHER	
Power	External 5VDC2A @ 10W
Dimensions	5.5"W x 1.75"H x 3.5"D
Weight	0.6 lbs.
Approvals	Device: CE, ROHS Power Supply: C-UL US, CE

NOTICE

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SMART AUDIO VIDEO INNOVATION

Installation Manual

SMCYPB2VGA

Component Video YPbPr to VGA Converter

2-Port Switch with Audio

www.smartavi.com

Introduction

The SMCYPB2VGA automatically detects the YPbPr video input resolution and converts it to VGA . It also features a 2-port switch that allows one LCD monitor to share the output of a computer and a component video device such as a DVD player. Based on the input selected, the output will be either a decoded TV or buffered PC video signal. It is capable of handling SDTV, HDTV, XGA, SXGA, and UXGA (1900x1200) video formats. It supports components ranging from LCD monitors, to set-top boxes, to projectors.

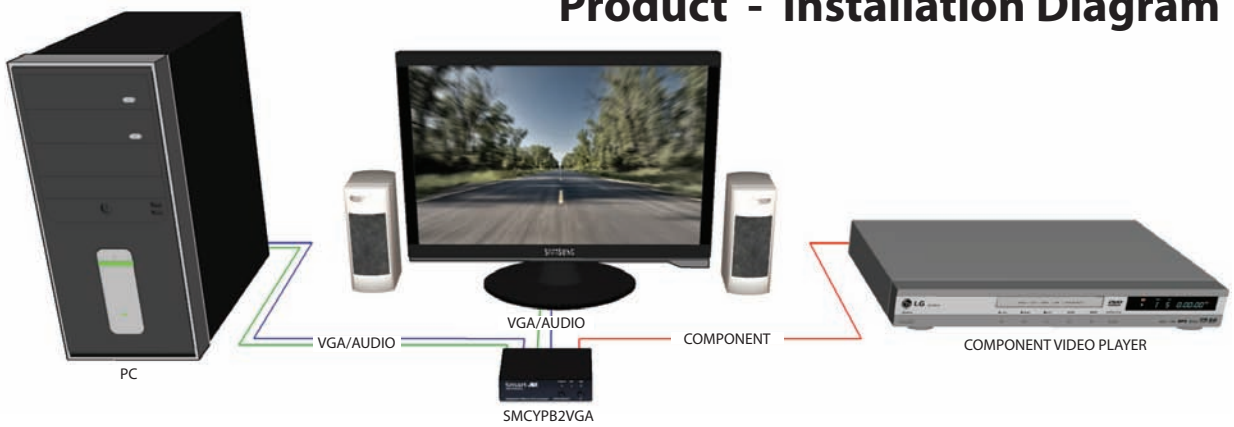
Features

- Convert Component Video (YPbPr) signal to RGBHV (VGA) signal
- Inputs: Component Video (YPbPr) x1 , D-SUB HDx1 , RCA stereo audio x1, 3.5mm stereo phone jack x 1, 2 x digital audio (coax)
- Outputs: D-SUB HD x 1, 3.5mm stereo phone jack x 1, 1 x digital audio(optical)
- Video bandwidth: component video up to 70Mhz, RGBHV up to 400Mhz
- Supports high definition video inputs 480i, 480P, 576i, 576p, 720P, 1080i and 1080p at 24/25/30Hz
- RGBHV input support hi resolution up to 1600 x 1200@75Hz

Applications

- Corporate or Educational Presentations
- Financial (Remote Servers/User Control)
- Call Centers
- Industrial (Long-Range Workstation Isolation)
- Information Terminals/Kiosks
- Airport Installations (Air Traffic/Passenger Info)
- Educational Environments with remote displays

Product - Installation Diagram



Connecting the SMCYPB2VGA

1. Power off all devices.
2. Connect the component video source to the rear of the SMCYPB2VGA using a component cable (Y, Pb, Pr, L, R) or optional optical audio.
3. Connect the VGA source (computer) to the PC port on the rear of the SMCYPB2VGA.
4. Connect an audio source (computer) to the LINE IN port on the rear of the SMCYPB2VGA. (optionally connect an optical audio source)
5. Connect a VGA monitor to the MONITOR port on the rear of the SMCYPB2VGA.
6. Connect speakers to the LINE OUT port on the rear of the SMCYPB2VGA. (optionally connect an optical audio device)
7. Connect the power supply to the SMCYPB2VGA.
8. Power on the SMCYPB2VGA using the front switch.
9. Power on the computer, monitor and speakers.

SMCYPB2VGA Rear

Using the SMCYPB2VGA

1. To switch between component source and VGA source, simply press the INPUT SELECT button on the front of the SMCYPB2VGA.
2. The selected source will be indicated by the LED lights on the front panel.

SMCYPB2VGA Front