

SMCYPB2VGA

COMPONENT TO
VGA CONVERTER



Component Video YPbPr to VGA Converter

Automatically Converts Component Video YPbPr to VGA Video

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



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SPECIFICATIONS

Application Diagram



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

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



ORDERING INFORMATION	
Part No.	Description
SMCYPB2VGA	YPbPr to VGA active Converter Includes: [CYP-PB2VGA & (P55VD2A)]

Many leading companies have recognized and embraced the innovation of SmartAVI's technologies and have successfully incorporated them into their organizations. Users of SmartAVI include:



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