HD Component Video To

Composite Video SV Down Converter

Operation Manual

Ambery Model No: SDV2

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1. Introduction

This HD video downconverter is designed for converting component video into NTSC or PAL composite video/s-video. This device allows users to view hi def digital video content on a regular non-HD regular tube TV or video monitor using composite RCA video cable or s-video cable connection

This HD video down converter is featured with two simultaneous standard video outputs in composite video and s-video format plus a component video bypass for original HD signal from from HD satellite receiver, digital cable box, HD media players and other HD devices for multiple TV video displays or AV receiving ends.

This device also facilitates integrating your new HD video equipments with existing home theater system or AV receiver with ease. Save you money by integrating your HD/SD equipments nice without costly upgrade or expansion incurred.

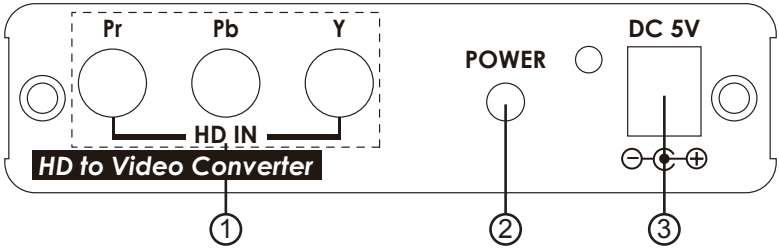
2. Product Features:

- High quality stand alone HD to SD downconverter solution.
- Instant HD video decoding through its built-in hardware decoder with simultaneous, independent HD and SD outputs.
- Easy HD video distribution. 1 component video input with simultaneous s-video output, composite video output and component video pass through.
- Record high definition video down converted to S-Video/composite while at the same time watching the high definition picture.
- Supports advanced HD to SD color space conversion and motion adaptive video de-interlacing.
- Supports all HD component video inputs including 480p,576p, 720p,1080i and 1080p.
- Selectable output video format in NTSC or PAL standard for worldwide use.
- Selectable image overscan/underscan output modes to help displaying the 16:9 widescreen output from the HD source looking properly on any 4:3 screen display like projector, monitor or Tube TV.
- Sturdy metal enclosure with compact dimension.

3. Hardware Description

The following sections describe the hardware components of the unit.

3.1 Front Panel



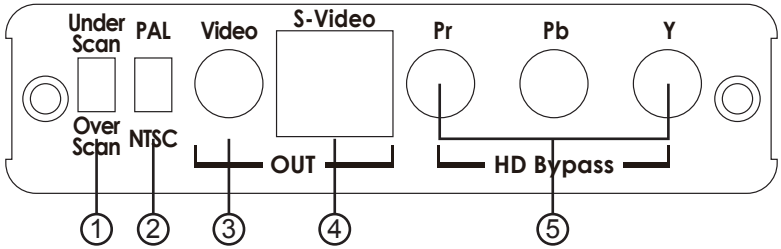
①. HD input: Connect the YPbPr input connecter to the source, such as DVD player.

Note: When input source end is not displaying full screen (i.e. letter box/pillbox image) then the output display end may come out with wrong size or position images. Hence, input source must set on full screen first before powering on the converter.

②. Power indicator: The power LED will illuminate in Green color when power is on. When LED illominate in Red color the system is in standby mode.

③. Power: Plug the 5V DC power supply into the unit and connect the adaptor to AC wall outlet.

3.2 Rear Panel



①. Underscan/Overscan: Switch the switcher to select underscan/overscan the pictures.

②. PAL/NTSC: Switch the switcher to select PAL/NTSC output.

③. Composite video output: Connect to video output display.

④. S-Video output: Connect to S-Video output display.

⑤. HD Bypass: The YPbPr output connecter will bypass HD signal as follow input HD signal.

4. Connection and Installation

5. Specifications

Input ports	1 x Component (Y/Pb/Pr)
Output ports	1 x Component bypass (Y/Pb/Pr), 1 x Composite, 1 x S-video
Switcher	1 x Underscan/Overscan, 1 x PAL/NTSC
Power Supply	5V/2A DC (US/EU standards, CE/FCC/UL certified)
Dimensions (mm)	105(W) x 102(D) x 25(H)
Weight(g)	230
Chassis Material	Aluminum
Silk Skin Color	Silver
Operating Temperature	Operating from 0°C ~ 40°C