



HDMI Down Converter to CVBS/S-Video with PAL/NTSC



Model #: C-HDM-CVID

HDMI

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Section 1: Getting Started

1.1 Important Safeguards

Please read all of these instructions carefully before you use the device. Save this manual for future reference.

What the warranty does not cover

- Any product, on which the serial number has been defaced, modified or removed.
- Damage, deterioration or malfunction resulting from:
 - Accident, misuse, neglect, fire, water, lightning, or other acts of nature, unauthorized product modification, or failure to follow instructions supplied with the product.
- Repair or attempted repair by anyone not authorized by us.
- Any damage of the product due to shipment.
- Removal or installation of the product.
- Causes external to the product, such as electric power fluctuation or failure.
- Use of supplies or parts not meeting our specifications.
- Normal wear and tear.
- Any other causes which does not relate to a product defect.
- Removal, installation, and set-up service charges.

1.2 Safety Instructions

The C-HDM-CVID converter has been tested for conformance to safety regulations and requirements, and has been certified for international use. However, like all electronic equipment's, the C-HDM-CVID should be used with care. Read the following safety instructions to protect yourself from possible injury and to minimize the risk of damage to the unit.

- Do not dismantle the housing or modify the module.
- Dismantling the housing or modifying the module may result in electrical shock or burn.
- Refer all servicing to qualified service personnel.
- Do not attempt to service this product yourself as opening or removing housing may expose you to dangerous voltage or other hazards
- Keep the module away from liquids.
- Spillage into the housing may result in fire, electrical shock, or equipment damage. If an object or liquid falls or spills on to the housing, unplug the module immediately.
- Have the module checked by a qualified service engineer before using it again.
- Do not use liquid or aerosol cleaners to clean this unit. Always unplug the power to the device before cleaning.

1.3 Regulatory Notices Federal Communications Commission (FCC)

This equipment has been tested and found to comply with Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

Any changes or modifications made to this equipment may void the user's authority to operate this equipment.

1.4 Introduction

Avenview C-HDM-CVID Down converts your High Definition (HDMI Digital signal) to a standard definition CVBS (Composite) or S-Video. The image output is properly sized to view on your CRT. This device supports both NTSC and PAL video standards. This device allows any users to purchase products with digital connection as HDMI to display on your Standard Definition TV; now everyone can enjoy all the new techno gadgets on your older generation TV such as Apple TV2 and APPLE TV3. In the commercial environment you can attach a video conferencing unit or PC with HDMI connections.

- Supports Both NTSC/PAL
- Supports Both Composite (CVBS) and S-Video Simultaneously
- Auto detect signal source
- OSD-On Screen Display

1.5 Package Contents

Before you start the installation of the converter, please check the package contents.

- C-HDM-CVID x 1
- Wall Adapter DC 5V/2A x1
- User's Manual x1
- Composite/S-video cable x1

1.6 Before Installation

- Put the product in an even and stable location. If the product falls down or drops, it may cause an injury or malfunction.
- Don't place the product in too high temperature (over 50°C), too low temperature (under 0°C) or high humidity.
- Use the DC power adapter with correct specifications. If inappropriate power supply is used then it may cause a fire.
- Do not twist or pull by force ends of the Component and HDMI. It can cause malfunction.

1.7 Parts Required

1	C-CVID-HDM	
1	CVSB OR S-VIDEO CABLE OUTPUT	
1	HDMI CABLE INPUT	
1	HDMI Source	
1	CRT MONITOR	
Optional	HDMI EXTENDER HDM-C53X-SET Can be added to the solution	

1.8 Panel Description

1. FRONT PANEL



1: S-VIDEO OUTPUT: 4 PIN Mini Female DIN Connector

2: COMPOSITE OUTPUT: 3 RCA Female connections. Yellow (Video) Red White (Audio)

2. REAR PANEL



1: POWER: +5V DC: Power Connector

2: LED INDICATOR: Power LED when powered it activates

3: HDMI IN: Connect to a HDMI source with HDMI M-M Cable

4: SWITCH: Video format PAL/NTSC

1.1 Installation Hardware

1. Power On source such as HD Camera
2. Connect your C-HDM-CVID to source device with Male to Male HDMI to HDMI
3. Connect Output of C-HDM-CVID with composite or S-video cable
4. Connect other end of CVBS or S-Video cable to TV.

Note: This Converter is *NOT-HDCP* compatible. This unit should not be connected to *HDCP* Devices such as *STP (Cable/Sat Boxes)* and *Blu ray/DVD players etc.....*

1.2 General Troubleshooting

Problem	Possible Solution
No image output	OSD-On Screen Display Shows IN: NO Signal Try toggling Switch PAL/NTSC
Image is not as clear	Please ensure cables are properly inserted
Video -No Sound	Please ensure the RED and White RCA connections are secure.

Section 2: Specifications

Item	Description
Units	C-HDM-CVID
Unit Description	HDMI Down Converter to Composite (CVBS) /S-Video
Conversion Resolutions	480i@60Hz,480p@60Hz,576i@50Hz,576p@50Hz,720p@50/60Hz,1080i@50/60Hz,1080p@50/60Hz
Supported PC graphic card Resolution	800x600@60Hz,1024x768@60Hz, 1280x720@60Hz, and 1920x1080@60Hz
Output NTSC Resolutions	480i(60Hz)
Output PAL Resolutions	576i(50Hz)
On Screen Display	INPUT: eg (1920*1080p 60) OUT: NTSC
Video Detection	Automatic video detection
Input	1 x HDMI
Output	1 X CVBS (composite) 1 x S-VIDEO
HDMI Connector	Type A (19 pin female)
S-VIDEO/CVBS Audio	4 pin female DIN /3 RCA Female Connectors
Dimensions (L x W x H)	3" x 2" x 0.6"
Power Supply	DC 5V/2A
Power Consumption	3W
Environmental	
Operating Temperature	32° ~ 104°F (0° to 40°C)
Storage Temperature	-4° ~ 140°F (-20° ~ 60°C)
Relative Humidity	20~90% RH (no condensation)



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