



## HDMI to Composite/S-Video Scaler



GTV-HDMI-2-COMPSVIDSN

### Converts HDMI source to Composite and S-Video with scaling

Convert any Hi-Def source to standard definition NTSC/PAL format with scaling. The HDMI to analog video scaler supports resolutions up to 1080p Full HD video and scaled outputs in Composite and S-Video, while maintaining the original aspect ratio for optimal viewing. The coax S/PDIF digital audio and left/right analog audio outputs allow the audio extracted from the HDMI signal to be sent to any AV Receiver or audio amplifier. Underscan/Overscan and NTSC/PAL switches help assure compatibility with a variety of analog televisions. This scaler also features a USB port for firmware upgrades.

### How It Works

Using the included HDMI cable, connect the Hi-Def source to the HDMI input. Use a composite or S-video cable to connect the scaler to the analog monitor. Connect the scaler to an A/V Receiver or amplifier using an S/PDIF cable or an analog audio stereo patch cord with RCA connectors. Connect the power supply to the scaler and to an available electrical outlet. Power on all connected components. Use the NTSC/PAL switch on the scaler to select the correct output format for your TV. Select Underscan or Overscan using the slide switch on the scaler to compensate for scanning characteristics of your analog TV that could result in over-cropping of the image or visible black borders.

**Note:** This device is not HDCP Compliant.

### Features\*

- Supported input resolutions:
  - 480i@60Hz
  - 576i@50Hz
  - 480p@60Hz
  - 576p@50Hz
  - 720p@50/60Hz
  - 1080i@50/60Hz
  - 1080p@50/60Hz
  - 640x480@60Hz
  - 800x600@60Hz
  - 1024x768@60Hz
  - 1280x1024@60Hz
  - 1600x1200@60Hz
- Converts and scales HDMI to Composite/S-Video at 480i/60 or 576i/50
- De-embeds audio from HDMI and outputs it as digital and analog audio
- Accepts HDMI video at resolutions up to 1080p Full HD
- Supports both NTSC and PAL formats
- Underscan/Overscan Switch helps optimize image size on old analog TV screens without over-cropping or visible black borders
- Field upgradable firmware via USB port

### Specifications\*

- Maximum Pixel Clock: 225 MHz
- Video Input Connector: (1) HDMI Type A, 19-pin, female, locking
- Video Output Connectors: (1) Composite, RCA-type, female  
(1) S-Video, female
- Audio Output Connectors: (1) L/R analog audio (2 x RCA-type, female)  
(1) S/PDIF (Coax), RCA-type, female
- USB Connector: (1) Type B (firmware upgrade only)
- Underscan/Overscan Switch: (1) slide-type
- NTSC/PAL Switch: (1) slide-type
- Power Indicator: (1) LED, blue
- Power Supply: (1) 5V DC
- Power Consumption: 7.5 Watts (maximum)
- Horizontal Frequency Range: 31-70 KHz
- Vertical Frequency Range: 50-60 KHz
- Dimensions (W x H x D): 4.1" x 1.2" x 7.1"  
(104mm x 30mm x 180mm)
- Shipping Weight: 2.5 lbs. (1.1kg)



Gefen, LLC  
20600 Nordhoff Street, Chatsworth CA 91311  
Tel. (818) 772-9100 (800) 545-6900 Fax (818) 772-9120  
www.gefentv.com

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