

PC Video/Component Video to HDMI Converter with Audio

View your PC or DVD video
on a high-definition display.



FEATURES

- » Use with HDMI plasma or LCD screens.
- » Works with Component video and VGA video.
- » Converts analog VGA signals so you can display your PC's video on an HDMI screen.
- » Also converts Component video Y-Pb-Pr signals from a legacy DVD player for a high-definition display.
- » Simply flip a switch to choose between VGA or Component video conversion.
- » It sends audio, too!
- » Compliant with HDMI 1.0 specifications.
- » Supports input resolutions of 1600 x 1200 at 60 Hz for VGA or up to 1080p for Component video.

Technically Speaking

High-Definition Multimedia Interface (HDMI) is the first digital interface to combine uncompressed high-definition video, multichannel audio, and intelligent format and command data in a single cable.

The HDMI standard was introduced in December 2002, and HDMI 1.2 was released in August 2005. HDMI is supported by many leading consumer electronics manufacturers as well as motion picture studios and cable and satellite operators.

The HDMI connector is compact and is somewhat similar to a USB connector.

Use this serial interface to connect audio/video equipment, such as DVD players, a set-top box, and A/V receivers with an audio and/or video monitor, such as a digital TV over a single cable. HDMI supports standard, enhanced, and high-definition video. It has a bandwidth of up to 5 Gigabytes so it supports all HDTV standards and has bandwidth to spare for future applications.

HDMI is backward compatible with DVI equipment such as PCs, TVs, and other electronic devices using the DVI standard. The DVI device simply ignores the extra data.

TECH SPECS

Audio Input — Stereo analog line level

Supported Component (Y-Pb-Pr) Resolutions —
480i at 60 Hz; 576i at 50 Hz;
576p at 60 Hz;
720p at 50, 60 Hz;
1080i at 50, 60 Hz;
1080p at 30, 50, 60 Hz

Supported PC Resolutions — VGA, SVGA at 60, 72, 75, 85 Hz;
XGA at 60, 70, 75, 85 Hz;
SXGA at 60, 75, 85 Hz;
UXGA at 60 Hz; 1152 at 70, 75, 85 Hz;
XGAi at 87 Hz

Video Input — RGB at 7.0 Vp-p;
HV at 5 Vp-p;
Y at 1 Vp-p;
Pb-Pr at 0.7 Vp-p

CE Approval — Yes

Connectors — (1) HD15 F, (1) HDMI, (2) RCA

Power — External adapter, 100–240 VAC, 50–60 Hz, 0.6 A, autosensing

Size — 1.2"H x 3"W x 4.2"D (3 x 7.6 x 10.7 cm)

Weight — 0.5 lb. (0.2 kg)

Item

Code

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AC551A

NOTE: The AC551A is not a scaler or scan converter. This means that the resolution of the video signal at the HDMI output is the same as the input signal. Most HDMI-enabled displays do not support the full complement of PC resolutions and are only designed to handle HDTV input formats of 480i or 480p at 60 Hz, 576i or 576p at 50 Hz, 720p at 60 Hz, or 1080i at 60 Hz.

This means that if you set your PC at a resolution of 1024 x 768 (XGA), your display may not show the HDMI image. In this case, you have to set your PC's resolution to either 640 x 480 at 60 Hz (VGA interpreted as 480p), 800 x 600 at 50 Hz (SVGA interpreted as 576p), or 1280 x 720 at 60 Hz (WXGA interpreted as 720p).