



## KD-VCS500

Video Converter and Scaler

### Key Features

- › **Converts:** VGA video and analog audio to digital HDMI video and audio
- › **Embeds:** Incoming analog audio onto the HDMI output
- › **Up-scales:** VGA resolutions to 720p or 1080p
- › **Supports the following VGA resolutions:** 640x480@60, 800x600@60, 1024x768@60, 1152x864@60Hz, 1280x720@60, 1280x768@60, 1280x800@60, 1280x960@60, 1360x768@60, 1366x768@60, 1280x960@60, 1280x1024@60, 1440x900@60/75, 1600x1050@60, 1680x1050@60, 1600x1200@60, 1920x1080@60, 1920x1200@60
- › **Resolution Selection:** Simple switching between 720p and 1080p up-scaling
  - › Dual-color LED allows for easy identification of resolution mode
- › **HDMI® and HDCP Licensing:** Fully licensed and compatible with all HDMI and HDCP technologies
- › **Ultra small design**



HDMI®  
HIGH-DEFINITION MULTIMEDIA INTERFACE

### Specifications

- › Inputs: (1) VGA, (1) 3.5mm stereo audio
- › Outputs: 1 HDMI
- › DDC Signal (Data): 5 Volts p-p (TTL)
- › DDC Communication: EDID and HDCP Bi-directional transparency from Display to Source
- › Power Supply: KD-PS5V1A, 5V/1A, 100-240VAC, 50-60Hz, Interchangeable head
- › Regulation: CE, RoHS, WEEE
- › Enclosure: Black Plastic
- › Product Dimensions: 4.68" x 2.91" x 0.9", Weight: 0.8 lbs.
- › Shipping Dimensions: 7" x 5.3" x 2.6", Weight: 1 lb.



### System Design Example

