

2 Way VGA HDTV Video Converter with Scaler

StarTech ID: VGA2TV2WAY



This 2 Way VGA HDTV Video Converter/Scaler combines the features of a video scaler, a scan converter and a format transformer, providing a cost-effective way to display VGA and YPbPr/RGB component feeds in HDTV format, or convert feeds meant for television into VGA output for display on a computer.

Designed to provide simplicity and convenience, the VGA HDTV video converter/scaler automatically detects the source input resolution, allowing you to customize output resolution and refresh rate through an easy to use On-Screen Display menu.

The VGA HDTV 2 way converter/scaler includes a 15-pin D-sub to YPbPr to RCA adapter that allows you to connect devices (e.g DVD players) and scale their video signals to meet PC or HDTV resolutions.

Applications and Solutions

- Conference Room
- Display VGA feeds on HDTV sets
- Education
- Home Theatre
- Medical

- Security
- Watch video feeds from DVD players, satellite/digital cable receiver boxes, VCRs and more on VGA displays or HDTV sets

Features

- Adjust picture brightness, contrast, color, RGB level and horizontal/vertical positioning
- Automatically optimizes the resolution of video feeds to provide top image quality and brightness
- Combines the functions of a video scaler, scan-converter and format converter
- Compatible with input from broadcast formats worldwide, including NTSC and PAL
- Includes a memory recall feature that automatically reinstates the setting last used
- Includes a plastic bracket for wall mounts or side panel installation

Technical Specifications

- Warranty: 1 Year warranty
- Color: Black
- Connector Types: 2 - DB15 High Density Female
- Carton Quantity: 10
- Shipping (Package) Weight: 1.81 lb [0.82 kg]
- Input Formats: RGB, YPbPr, YCbCr
- Input Signal Levels: RGB @ 0.7V p-p, 75 ohm
 - H&V Sync @ 3-5V p-p TTL
 - Y @ 1V p-p, 75 ohm
 - Pb, Pr @ 0.7V p-p, 75 ohm
- Video Adjustments: Brightness, Contrast, Color, RGB levels
- Power Adapter Specifications: 12V DC @ 1.25A, center positive
- **Input PC Resolution Support:**
 - VGA: 640 x 480 @ 60/72/75/85 Hz, RGBHV, progressive scan
 - VESA85: 640 x 400 @ 80 Hz, RGBHV, progressive scan
 - VGA70: 720 x 400 @ 70 Hz, RGBHV, progressive scan
 - SVGA: 800 x 600 @ 60/72/75/85 Hz, RGBHV, progressive scan
 - XGA: 1024 x 768 @ 60/70/75/85 Hz, RGBHV, progressive scan
 - Mac: 1152x 864 @ 70/75 Hz, RGBHV, progressive scan
 - WXGA: 1280 x 768 @ 60 Hz, RGBHV, progressive scan
 - 1280A: 1280 x 960 @ 60 Hz, RGBHV, progressive scan
 - SXGA: 1280 x 1024 @ 60/75 Hz, RGBHV, progressive scan
- **Input HDTV Resolution Support:**

- 480p: 720 x 480 @ 60 Hz, YPbPr/RGBHV, progressive scan
- 480i: 720 x 480 @ 60 Hz, YCbCr/RGBHV, interlaced
- 576p: 720 x 576 @ 50 Hz, YPbPr/RGBHV, progressive scan
- 576i: 720 x 576 @ 50 Hz, YCbCr/RGBHV, interlaced
- 720p: 1280 x 720 @ 60 Hz, YPbPr/RGBHV, progressive scan
- 1080i: 1920 x 1080 @ 60 Hz, YCbCr/RGBHV, interlaced
- **Output PC Resolution Support:**
- VGA: 640 x 480 @ 60/72/75/85 Hz, RGBHV, progressive scan
- VESA85: 640 x 400 @ 80 Hz, RGBHV, progressive scan
- VGA70: 720 x 400 @ 70 Hz, RGBHV, progressive scan
- SVGA: 800 x 600 @ 60/72/75/85 Hz, RGBHV, progressive scan
- XGA: 1024 x 768 @ 60/70/75/85 Hz, RGBHV, progressive scan
- Mac: 1152x 864 @ 70/75 Hz, RGBHV, progressive scan
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- 1280A: 1280 x 960 @ 60 Hz, RGBHV, progressive scan
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- **Output HDTV Resolution Support:**
- 480p: 720 x 480 @ 60 Hz, YPbPr/RGBHV, progressive scan
- 576p: 720 x 576 @ 50 Hz, YPbPr/RGBHV, progressive scan
- 720p: 1280 x 720 @ 60 Hz, YPbPr/RGBHV, progressive scan
- 1080i/540p: 1920 x 1080 @ 60 Hz, YPbPr/RGBHV, pseudo-interlaced
- Product Length: 5.51 in [140 mm]
- Product Width: 2.95 in [75 mm]
- Product Height: 1.18 in [30 mm]
- Product Weight: 0.62 lb [0.28 kg]

