



Video Adapters/Converter/Scaler

Model 9A60:

VGA to Component Video Transcoder

Model 1365:

VGA to/from Component Converter/Scaler

The Models **9A60** and **1365** provide innovative solutions for viewing computer content on a high definition television. Many consumers and businesses find it desirable to view computer video images on a television screen instead of a traditional computer monitor. Whether at home or in the boardroom, Audio Authority provides the ideal solution. The **9A60** VGA to component video transcoder and the **1365** PC to HDTV converter/scaler use different approaches to translate the signal differences between computer and television video to allow your HDTV to accurately display your computer's output signal.

9A60 FEATURES:

- Converts colorspace of VGA source to component video
- All-analog signal processing without A-D-A conversion for superb video realism
- Compatibility with all 18 ATSC formats including 480p, 720p, and 1080i (TV must also be compatible with source format)
- For set top box, multimedia or desktop computers
- Includes 6-foot VGA to RCA cable and DC power pack
- Made proudly in our own US factory
- Dimensions: 4.55" H x 3.30" W x 1.25" D

1365 FEATURES:

- Converts VGA (RGBHV) to/from YPbPr
- Converts PC to HD, PC to PC, HD to PC, or HD to HD
- Selectable video output resolutions
- Supports PC resolutions to 1280 x 1024
- Ideal for laptop to rear or front projection displays
- 48MB frame memory
- Integral picture adjustments
- On-screen display menu for setup and adjustment
- Ultra-compact, all metal construction
- Dimensions: 1" H x 7" W x 4" D

DO I NEED A 9A60 OR A 1365?

The good news is that if your television has a VGA input, you probably don't need either. But most TVs do not, so which converter is best for your application? The **9A60** solely converts the colorspace from VGA to component video, so it works well when the source output is already in the resolution required by your TV, or when you can perform a one-time software set-up on your PC to match resolution and refresh rate when always using the same TV.

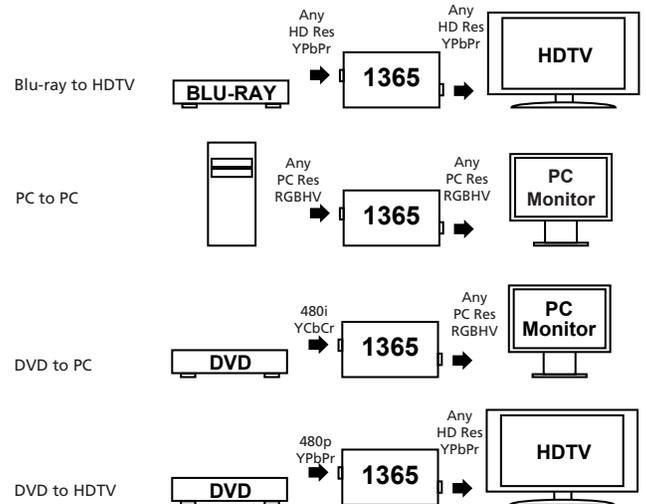
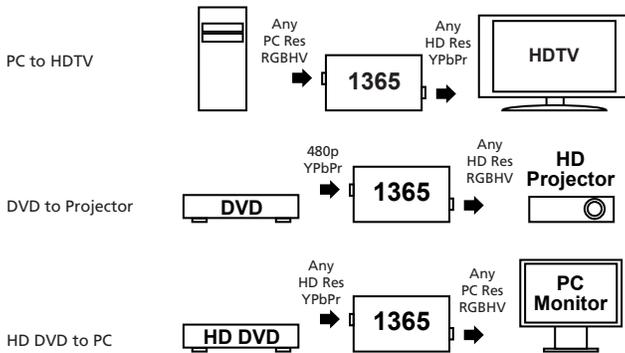
The **1365** solves the colorspace, resolution, and refresh rate differences all in one package. Overall, the 1365 will make the process easier and avoids the need for any computer software adjustments except for overscan. This is especially useful in a group or boardroom environment when multiple laptops may be used with a single display device, offering an easy "plug-and-play" set-up.



Boardrooms generally require the 1365, while the 9A60 is more suited to home use.

THE VERSATILE 1365

The Model 1365 Video Scaler/Converter is capable of many types of signal conversion. Below are some of the many examples of the solutions it provides.



1365 SPECIFICATIONS:

Input Connector:	HD-15 Female	Size (H-W-D):	1x7x4 inches (25x175x100mm)
Output Connector:	HD-15 Female	Weight (Net):	1.5lb (680g)
Physical Input Format:	RGBHV	Limited Warranty:	1 year replacement
Physical Output Format:	RGBHV	Operating Temperature:	+32° to +120° F (0° to +48° C)
Electrical Input Format:	RGBHV, YPbPr, YCbCr	Operating Humidity:	10% to 85%, non-condensing
Electrical Output Format:	RGBHV, YPbPr	Storage Temperature:	-40° to +150° F (-40° to +65° C)
PC Input Resolutions:	640x480 to 1280x1024	Storage Humidity:	10% to 85%, non-condensing
HDTV Input Resolutions:	Interlace: 480i/p, 576i/p, 720p*	External Power Supply:	115VAC to 12VDC @ 800mA maximum
HDTV Output Resolutions:	480p, 576p, 720p 1080i/540p*	Regulatory Approvals:	Scaler: FCC, CE
Input Signal Controls:	Clock frequency, phase	Accessories Included:	Power Supply: UL, CE, CSA 3 ft HD-15 to YPbPr (3 RCA) AC Power Adapter
Output Signal Controls:	Brightness, contrast, color, red-green-blue levels, Horizontal and Vertical Position		

*1080i output is actually a doubled 540p signal. It appears as 1080i on most displays; however, it is not a true 1080i signal format.

9A60 SPECIFICATIONS:

Input:	RGBHV on HD-15 VGA connector	Video Bandwidth:	-3dB @ 250MHz
RGB Video Input:	700mV p-p	Size (H x W x D):	4.55" X 3.30" X 1.25"
HV Sync Inputs:	5 volt TTL	Warranty:	One Year Replacement
Output:	Y Pb Pr Component video to 3 RCA jacks	Power Requirements:	100-240 VAC, 50-60Hz
Y Video Output:	701G + .212R + .087B	Regulatory Approvals:	FCC
Pb Output:	500B - .384G - .116R	Accessories Included:	6-foot VGA male-to-male cable, 12 volt DC power pack
Pr Output:	.500R - .445G - .055B		
Y Sync Output:	300mV negative bilevel, 600nS horizontal, unprocessed vertical		