PC VGA WUXGA to Video Converter ID#15015

Operation Manual

CONVERTERS.TV

Introduction

PC VGA WUXGA to Video Converter is a PC computer to PAL or NTSC interlaced video converter which has new expanded input acceptance for PC resolutions, now up to WUXGA@60RB (1920*1200). Downscale standard and high resolution PC signals to standard definition interlaced PAL or NTSC video for interfacing with older style Composite or Super-Video input monitors and TV's. Overscan and Underscan function inbuilt for maximum compatibility with your viewing device.

PC VGA WUXGA to Video Converter is ideal for setting up professional video displays for business and educational lectures and conferences and for shop front information displays. Even better for at home, using your bigger older style TV with your computer, as opposed to your smaller 15" PC monitor.

Features

- Automatically detects and down converts the incoming PC images to NTSC or PAL
- Support high resolution PC input timing from VGA to WUXGA
- Scale down PC video to Composite/S-Video
- Switch between NTSC/PAL
- Image Overscan/Underscan selection
- Supports ADC conversion

Applications

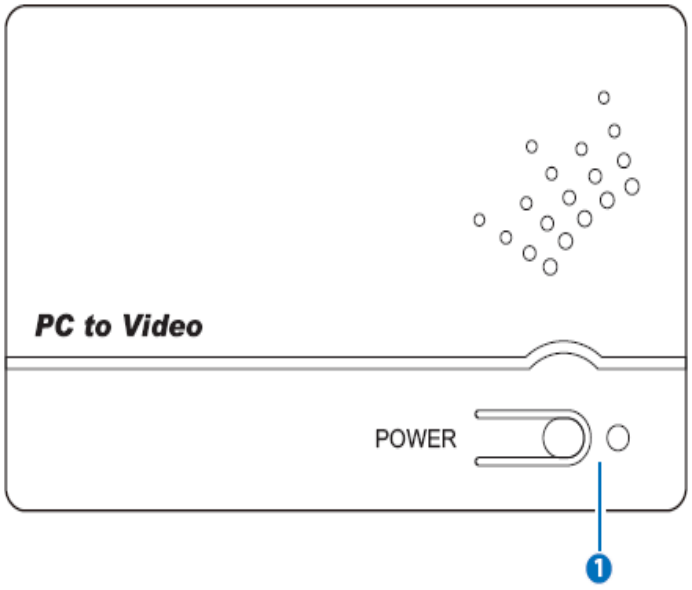
- Video conference
- Business presentation
- Lecturing room

System Requirements

Input source equipment such as PC and output to Composite and S-Video monitor, Projector or TV.

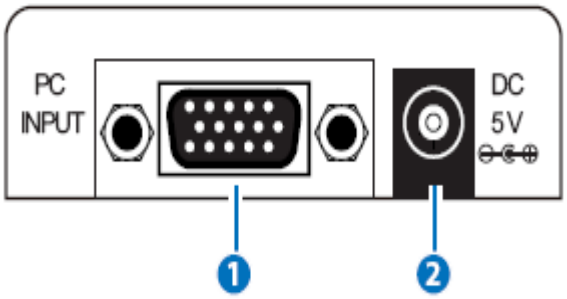
Operation Controls and Functions

Top Panel



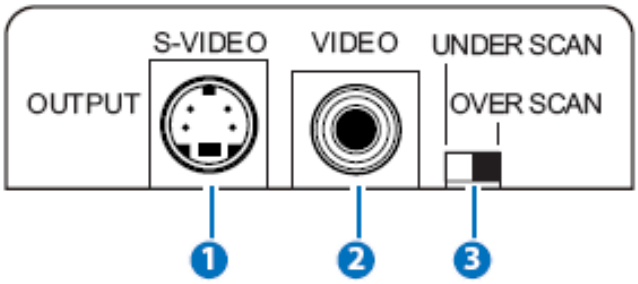
1.POWER & LED
Press this button to switch ON the device and the LED will illuminate in green or set it to standby mode and the LED will turn red.

Front Panel



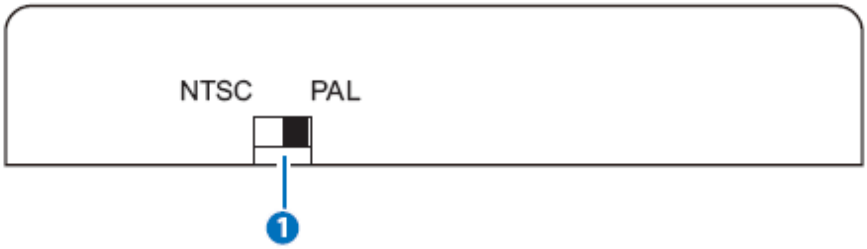
1. PC INPUT
Connect the VGA input port to the VGA output port of your source equipment such as computer with D-Sub 15pin cable.
2. DC 5V
Plug the 5V DC power supply into the unit and connect the adaptor to AC wall outlet.

Rear Panel



1. S-VIDEO OUT
Connect the S-Video output port to the S-Video input port of analog monitor, Projector or TV.
2. VIDEO OUT
Connect the Composite Video output port to the Composite Video input port of analog monitor, Projector or TV.
3. UNDERSCAN /OVERSCAN
Switch in between the Underscan/Overscan of the output image especially when connecting to different monitor/TV.

Side Panel



1. NTSC/PAL Switch
Switch the output display image between NTSC or PAL system. The device will auto adjust the output image including the size, phase and position and while adjusting the power LED will blink.
Note: *Source input signal must have a full screen image in order to allow the auto adjustment function to perform successfully.*

Specifications

Input port	1 x VGA
Output ports	1 x Composite, 1 x S-Video
Input Resolution	PC: 640x480 = VGA@60, 72, 75, 85 720x400@70, 576p, 800x600 = SVGA@56, 60, 72, 75, 85 1024x768 = XGA@60, 70, 75, 85 1152x864 = MAC@70, 75, 85 720p@25,30,50,60,60cvt 1280x768 = WXGA@60RB, 60 1280x800 = WXGA@60RB, 60, 75 1280x960 = @60, 85, 1280x1024 = SXGA@60, 75, 85, 60cvt 1366x768 = WXGA@60RB, 60 1440x900 = WXGA@60RB, 60, 75 1600x1200 = UXGA@60 1680x1050 = WSXGA+@60RB, 60 1080p@24,25,30,50,60 1920x1200 = WUXGA@60RB
ESD Protection	Human body model: ±8kV (air-gap discharge) ±4kV (contact discharge)
Power Supply	5V/2.6A DC (US/EU standards, CE/FCC/UL certified)
Dimensions	6.5cm(W) x 11.5cm(D) x 2.3cm(H)
Weight	90g
Chassis Material	Plastic
Silkscreen Color	Gray
Operating Temperature	0˚C ~ 40˚C / 32 ˚F ~ 104 ˚F
Storage Temperature	-20˚C ~ 60˚C / -4 ˚F ~ 140 ˚F
Relative Humidity	20 ~ 90% RH (non-condensing)
Power Consumption	5W (Max)

Connection