

Features

- VGA to DVI video conversion
- Supports common VGA resolutions
- Horizontal, Vertical, and Sharpness adjustments

Specifications

Model	VD-CONV
Inputs	1 x VGA (DB15)
Outputs	1 x DVI (DVI-I style connector)
Power	9 VDC, 1000mA (AC Adapter)
Dimensions	128 x 75 x 29 (WxDxH mm)

Supported VGA Modes

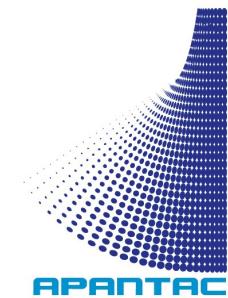
Analog	Resolution	Frequency (Hz)
VGA	640 x 480	60 / 72 / 75 / 85
VGA	720 x 400	70 / 85
SVGA	800 x 600	56 / 60 / 72 / 75 / 85
WVGA	848 x 480	60
XGA	1024 x 768	60 / 70 / 75 / 85
SXGA	1152 x 864	75
SXGA	1280 x 768	60RB / 75 / 85
WXGA	1280 x 800	60
SXGA	1280 x 960	60 / 85
SXGA	1280 x 1024	60 / 75 / 85
WXGA	1360 x 768	60
SXGA+	1400 x 1050	60RB / 75
WXGA+	1440 x 900	60
SXGA+	1440 x 1050	60
UXGA	1600 x 1200	60
WSXGA+	1680 x 1050	60
WUXGA	1920 x 1080	60
WUXGA	1920 x 1200	60RB

Troubleshooting Q & A

Text or lines flicker: Adjust the 'Sharpness' setting.

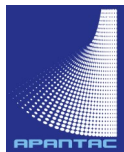
Image is not aligned on the monitor: Adjust the horizontal or vertical adjustments.

No image present on monitor: Verify the VGA input signal is compatible with the signals listed in the 'Supported VGA Modes' table.



VD-CONV
USER MANUAL

VGA to DVI
Video Converter

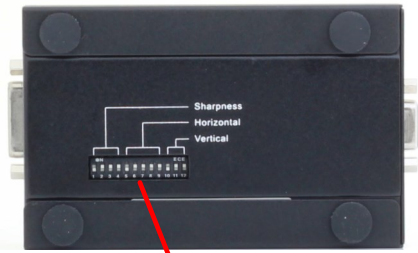
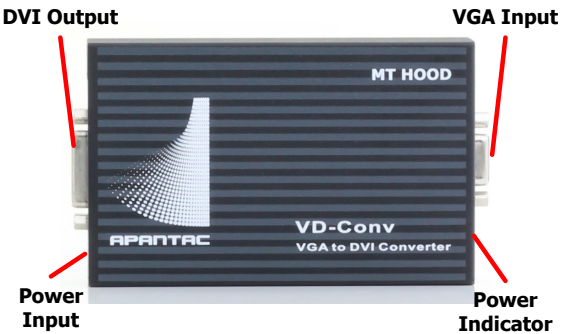


© 2017 APANTAC LLC, All rights reserved
7470 SW BRIDGEPORT ROAD
PORTLAND, OR 97224, USA
PHONE +1 503 968 3000
FAX +1 503 389 7921

The content of this document is provided in connection with Apantac LLC ("Apantac") products. Apantac makes no representation or warranties with respect to the accuracy or completeness of the contents of this publication and reserves the right to make changes to specifications and product descriptions at any time without notice.

Package Contents

- VD-CONV
- AC Power Adapter



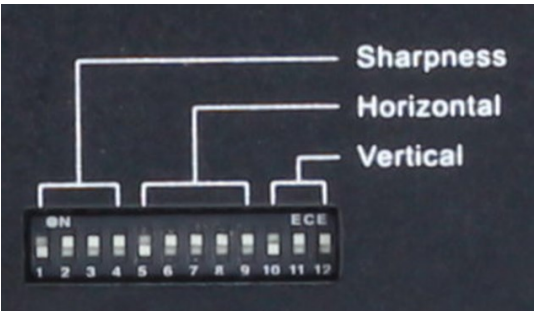
Adjustment
Switches

Installation

1. Turn off the PC and monitor.
2. Connect the VGA male extension cable between the PC and the “VGA In” port of the VD-CONV.
3. Connect the DVI male extension cable between the monitor and the “DVI Out” port of the VD-CONV.
4. Turn on the PC and digital monitor or projector.

Adjustments

The VGA analog signal adjustments include; Horizontal, Vertical, and Sharpness.



Vertical Adjust			
SW10	SW11	SW12	RESULT
OFF	OFF	OFF	Down + 4
OFF	OFF	ON	Down + 3
OFF	ON	OFF	Down + 2
OFF	ON	ON	Down + 1
ON	OFF	OFF	0 (default)
ON	OFF	ON	Up +1
ON	ON	OFF	Up +2
ON	ON	ON	Up +3

Horizontal Adjust					
SW5	SW6	SW7	SW8	SW9	RESULT
OFF	OFF	OFF	OFF	OFF	Left + 16
OFF	OFF	OFF	OFF	ON	Left + 15
OFF	OFF	OFF	ON	OFF	Left + 14
OFF	OFF	OFF	ON	ON	Left + 13
OFF	OFF	ON	OFF	OFF	Left + 12
OFF	OFF	ON	OFF	ON	Left + 11
OFF	OFF	ON	ON	OFF	Left + 10
OFF	OFF	ON	ON	ON	Left + 9
OFF	ON	OFF	OFF	OFF	Left + 8
OFF	ON	OFF	OFF	ON	Left + 7
OFF	ON	OFF	ON	OFF	Left + 6
OFF	ON	OFF	ON	ON	Left + 5
OFF	ON	ON	OFF	OFF	Left + 4
OFF	ON	ON	OFF	ON	Left + 3
OFF	ON	ON	ON	OFF	Left + 2
OFF	ON	ON	ON	ON	Left + 1
ON	OFF	OFF	OFF	OFF	0 (default)
ON	OFF	OFF	OFF	ON	Right + 1
ON	OFF	OFF	ON	OFF	Right + 2
ON	OFF	OFF	ON	ON	Right + 3
ON	OFF	ON	OFF	OFF	Right + 4
ON	OFF	ON	OFF	ON	Right + 5
ON	OFF	ON	ON	OFF	Right + 6
ON	OFF	ON	ON	ON	Right + 7
ON	ON	OFF	OFF	OFF	Right + 8
ON	ON	OFF	OFF	ON	Right + 9
ON	ON	OFF	ON	OFF	Right + 10
ON	ON	OFF	ON	ON	Right + 11
ON	ON	ON	OFF	OFF	Right + 12
ON	ON	ON	OFF	ON	Right + 13
ON	ON	ON	ON	OFF	Right + 14
ON	ON	ON	ON	ON	Right + 15

Sharpness Adjust				
SW1	SW2	SW3	SW4	
OFF	OFF	OFF	OFF	-8
OFF	OFF	OFF	ON	-7
OFF	OFF	ON	OFF	-6
OFF	OFF	ON	ON	-5
OFF	ON	OFF	OFF	-4
OFF	ON	OFF	ON	-3
OFF	ON	ON	OFF	-2
OFF	ON	ON	ON	-1
ON	OFF	OFF	OFF	(default)
ON	OFF	OFF	ON	+1
ON	OFF	ON	OFF	+2
ON	OFF	ON	ON	+3
ON	ON	OFF	OFF	+4
ON	ON	OFF	ON	+5
ON	ON	ON	OFF	+6
ON	ON	ON	ON	+7