

CHAPTER 1

Welcome to VID-VGA-II



1.1 Introduction

Thank you for purchasing VID-VGA-II this a handed-size universal VGA to TV converter box. It supports resolution up to 1280x1024. Compact size, Power from USB port, easy for carry. It is best for PC GAME, PC DVD, Internet viewing on TV, Entertainment, Education and Presentation.

1.2 Product Features

- Pure hardware design, just **Plug & Display**. No software driver is required and it is compatible with any operation system.
- The VID-VGA-II has two model :
 - I. Model one (for NTSC / PAL) :
 - INPUT : VGA, USB 5V
 - OUTPUT : VIDEO, S-VIDEO, VGA (connect to PC Monitor)
 - II. Model two (for Europe) : **NOT STOCKED**
 - INPUT : VGA, USB 5V
 - OUTPUT : VIDEO, S-VIDEO, VGA (connect to PC Monitor), **RGB (For EUROPE system RGB SCART input)**
- Simultaneous display on VGA monitor and TV.
- Allows SIZE change (overscan and underscan function) .
- Power from USB port or PS2 port (**optional**) (DC 5V).

- True 24 bit A/D converter for the true 16.7 million color conversion.
- Supports IBM PC and MAC G4.
- Supports following system: PAL, PAL-M, PAL-N system.

1.3 Modes and Resolution Table

This converter **supports the** following VGA (IBM PC) display modes:

Resolution	640 x 480	800 x 600	1024 x 768	1280x1024
Vertical Frequency(Hz)	60,72, 75,85	60,72,75,85	60,70,75,85	60

This converter supports the following MAC G4 display modes

Resolution	640 x 480	832 x 624
Vertical Frequency(Hz)	66	75

1.4 Application

- Entertainment – play VCD, DVD movies, Internet viewing on TV. Experience PC games on TV.
- Presentations – Ideal for both classrooms and conference rooms.
- Documentation – Capture PC images on video tape.
- Training – Easy software training via video tape.

1.5 System Requirements




- Desktop or Notebook PC compatible with IBM PC with USB port and VGA output.
- TV or VCR which supports PAL video standard with composite video input, S-Video input.

1.6 Package Contents

Package contains following items:

- VGA to TV converter
- User's Manual
- VGA to VGA cable
- Video cable
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- USB power cable

- PS2 power cable (optional)
- RGB SCART cable with Audio (for Europe only)

		
S-VIDEO OPTION	VIDEO cable	USB type power cable
		
PS/2 power cable (optional)	VGA to VGA cable	RGB to SCART cable (for Europe only)

CHAPTER 2

Install VID-VGA-II

The following section shows the function of controlling the **VID-VGA-II**, Refer to **Figure 1** for the Outline of VID-VGA-II.

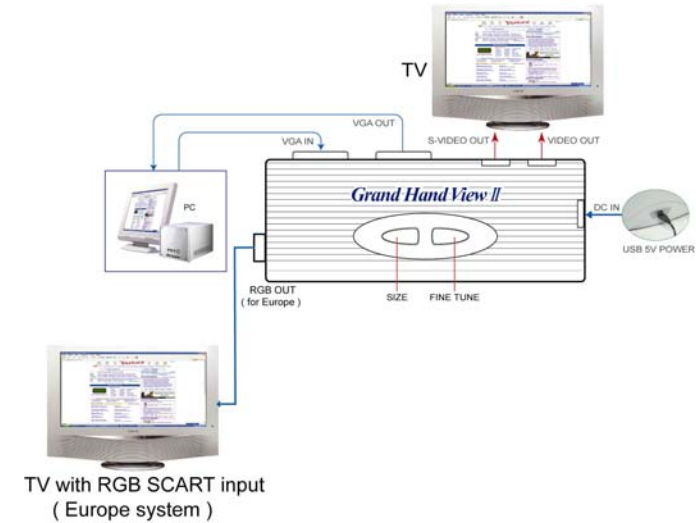


FIG.1 Outline of VID-VGA-II

2.1 Connectors of GRAND HAND VIEW

- **VIDEO OUT :** Connects VID-VGA-II to the VIDEO input of TV/VCR or Video Projector, using a standard video cable (not included).
- **S-VIDEO OUT:** Connects VID-VGA-II to your TV/VCR or Video Projector supporting the S-VIDEO input, using a standard video cable (not included).
- **VGA OUT:** Connects VID-VGA-II to computer monitor(VGA OUT).
- **VGA IN:** Connects VID-VGA-II to PC (VGA IN).

- **USB** : Connects VID-VGA-II to USB port or PS2 port
(optional) (DC POWER IN).

NOTE :



The PC to TV Cable also supports high quality S-VIDEO.

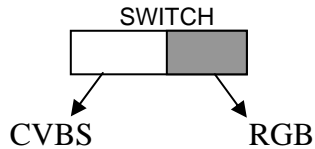
If your TV or VCT supports S-VIDEO IN, we highly recommend you use it to get the best TV picture.

2.2 Buttons & Switch VID-VGA-II

- **SIZE : (OVERSCAN / UNDERSCAN) :**
Press this button to select “ OVERSCAN ” or “ UNDERSCAN ” mode .
- **FINE TUNE :** Press this button to adjust image quality for TV.



- **CVBS / RGB :**
Slide to RGB side, only RGB out connector has function.
Slide to CVBS side, only S-VIDEO out and VIDEO out can output signal.



2.3 Installation for IBM PC Users

The VID-VGA-II is a “Plug and Display” video converter. The only requirement to get the output of the computer on the TV is to make the proper connections & ensure that your computer display is set within the supported parameters. Please read the following sections carefully for the installation of the hardware. Please refer to Fig.2 and overview of the process.

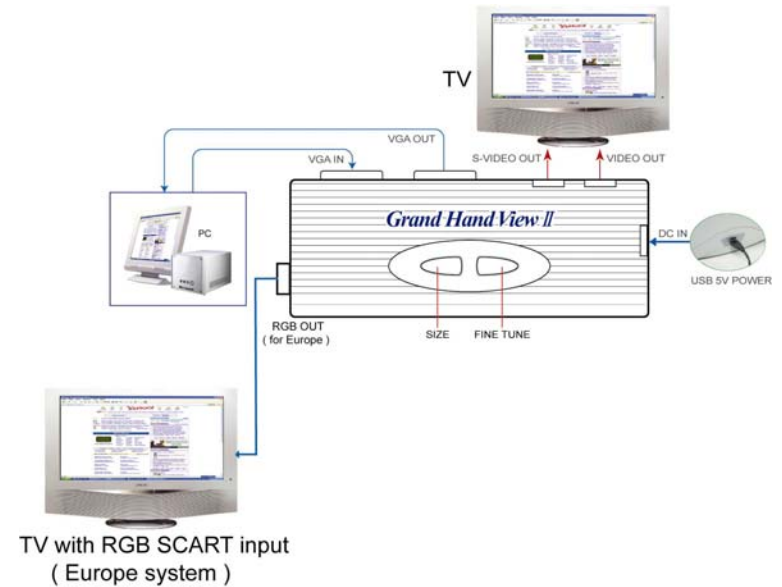


Fig.2 VID-VGA-II Installation

IMPORTANT! We highly recommend you to comply with the steps of installation otherwise it will cause you much inconvenience.

1. Make sure your computer’s (laptop, notebook or desktop PC) power is turned Off.
2. Connect VID-VGA-II to your TV · VCR or Video Projector supporting the Video Input or S-VIDEO or RGB (for Europe system) Input.
3. Connect VID-VGA-II to monitor.
4. Connect VID-VGA-II to VGA card output of PC.

5. Power on your PC.
6. Connect VID-VGA-II to USB port or PS2 port (optional) of PC.
7. Turn on your TV/VCR/Projector or Monitor to get the picture on them.

CHAPTER 3

Technical Tips

The following are problems that might arise when using the PC to TV converter, and possible solutions to them.

Q & A:

Q: How can I enhance the display quality?

A: You can usually decrease the contrast and increase brightness control to get the better picture.


Q: I connect using a NOTEBOOK PC, but no output is displayed on TV.

A: Check your computer's User's Manual for specific instructions for displaying an external VGA signal or "OUTPUT" .(Typically, Many Notebook computers have 3 settings, VGA external only, VGA internal only, and VGA internal & external simultaneously)

CHAPTER 4

Trouble Shooting

Check the following before requesting service.

Symptom	Point to check
No TV output	<ol style="list-style-type: none"> 1. Press the video select or AV button of the TV to select the video Input from the VID-VGA-II. 2. If the signal of the VID-VGA-II goes through a VCR first, set the input option to external video for the VCR.
Text not sharp	<ol style="list-style-type: none"> 1. Suggest you to use the S-Video connection.
Ghost image	<ol style="list-style-type: none"> 1. If long cable is used to connect the VID-VGA-II to a TV, use a better 75 ohm coaxial cable. (RG-59 is recommended) 2. Adjust Sharpness of TV.
Missing characters	<ol style="list-style-type: none"> 1. Set the VID-VGA-II to underscan.
Jitter	<ol style="list-style-type: none"> 1. Press the FINE TUNE button to get smooth picture. 
No color	<ol style="list-style-type: none"> 1. Toggle the video standard button to match your TV system. 2. Make sure the color (also called saturation for some TVs) setting is not minimum. 3. If your TV is multi-standard, set the standard to AUTO or the same as that output from the VID-VGA-II. 4. If you connect VID-VGA-II (MODEL 2) VIDEO or S-VIDEO output to your TV, the mode setting default at CVBS (VIDEO, S-VIDEO out), if the mode switch setting at RGB side (RGB SCART output for Europe system TV), your TV will have no color.