

CVBS/YPbPr/VGA to HDMI Converter

User Manual

Safety Notes:

- 1). Turn off the power before plug/unplug equipment
- 2). In order to avoid fire, electricity shock or product damage, please keep the product away from rain, damp, any other liquid, and pressure.
- 3). Working power is 5V/1A. Please check the power adapter parameters before you change it.

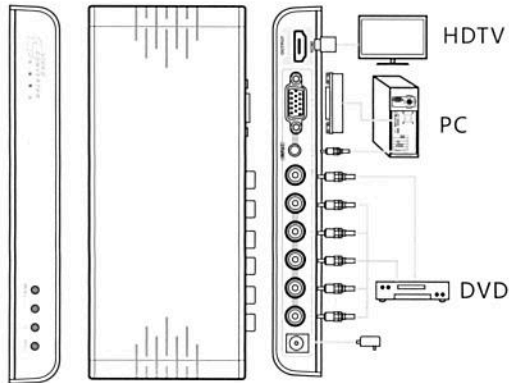
1. Package Contents



2. Installation requirement

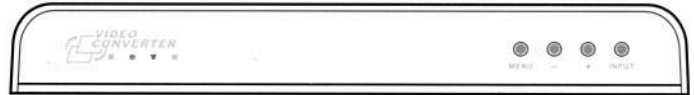
- 2.1. Video source with CVBS, YPbPr, VGA output
- 2.2. HDTV or projector with HDMI port

3. Installation steps



- 3.1. Connect the converter to CVBS/YPbPr/VGA port of the source with CVBS/YPbPr/VGA cable.
- 3.2. Connect the converter to the HDTV with HDMI cable, then power on the converter, and switch the TV to the corresponding channel.

4. Operation



- 4.1 Loop-switch CVBS/YPbPr/VGA by input button and output to HDMI.
- 4.2 Loop-switch output resolution at 720p@50Hz, 1080p@50Hz, 720p@60Hz and 1080p@60Hz by "+" button.
- 4.3 Loop-switch output resolution at 720p@50Hz, 1080p@60Hz, 720p@60Hz, 1080p@50Hz by "-" button.
- 4.4 Press "MENU" to open function option menu.

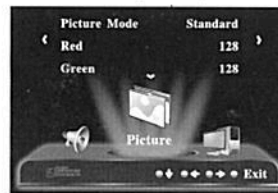
Note: LED lights red when output 720p, LED lights green when output 1080p.

5. OSD Menu option

Buttons on converter box

Enter	Select	Exit
MENU	- + MENU (left/right/down)	INPUT

5.1 Menu option selection



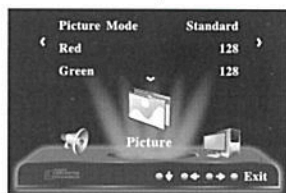
5.1.1 Press "MENU" to open the main menu.

5.1.2 Press "+" "-" to select the option to adjust.



5.1.3 Press "INPUT" to exit the menu.

5.2 Picture option



- 5.2.1 Press "MENU" to configure additional picture settings to suit your preference.
- 5.2.2 Press "+" "-" to adjust the value of the parameter.
- 5.2.3 Press "INPUT" to exit the menu.

The following parameters are adjustable under picture mode :

Standard/Mild /Vivid (default:Standard)

Red: 0~255 Adjust the red level.

Green:0~255 Adjust the green level.

Blue: 0~255 Adjust the blue level.

5.3 Sound option



- 5.3.1 Press "MENU" to open sound setting option.
- 5.3.2 Press "+" "-" to adjust the value of the parameter.
- 5.3.3 Press "INPUT" to exit the menu.

Sound mode: Standard/Concert/Movie(default:Standard)

Volume:0-100

5.4 Setting option



- 5.4.1 Press "MENU" to open setting option.
- 5.4.2 Press "+" "-" to adjust the value of the parameter.
- 5.4.3 Press "INPUT" to exit the menu.

Output resolution: 720p@50Hz,720p@60Hz,1080p@50Hz,
1080p@60Hz (default 1080p@60Hz)

Ratio:4:3 16:9 16:10 Auto (default:16:9)

YPbPr:4:3 16:9 16:10 Auto

VGA:4:3 16:9

When in Auto mode,this converter box will output automatically according to the input picture format



4:3



16:9



16:10

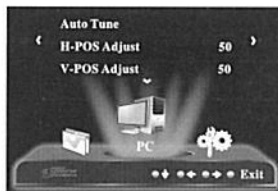
Language: Simplified Chinese/English(default:English)

MENU transparent: Off/Low/Middle/High (Default: Off). Adjust the transparency of the menu.

OSD Alpha: Off/5 sec / 10 sec/15 sec (default: 10 sec). Menu will display in appointed time.

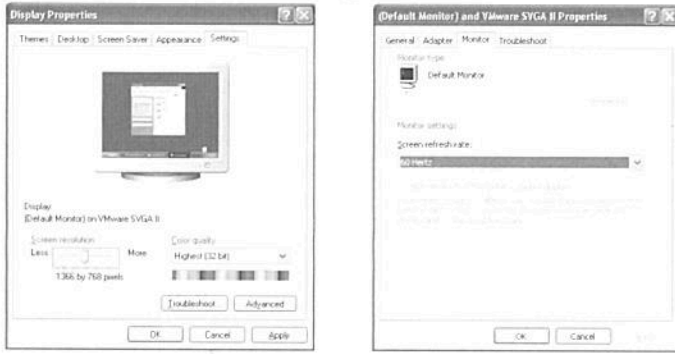
Reset setting: All settings go back to default setting.

5.5 PC option(Available for VGA graphic card input only)



- 5.5.1 Press "MENU" to open setting option.
- 5.5.2 Press "+" "-" to adjust the value of the parameter.
- 5.5.3 Press "INPUT" to exit the menu.

5.6 PC display properties settings



Take Windows XP as an example, and the windows system settings as shown above :

- 5.6.1. Right click the mouse on desktop of computer then left click 'Properties'.
- 5.6.2. Left click 'settings' to adjust the resolution (please refer to the VGA resolutions supported list of the converter).
- 5.6.3. Left click 'advanced', then left click 'monitor', and set the Screen refresh rate at '60Hz'.
- 5.6.4. Left click 'OK'.

Auto tune: adjust the picture position and ratio automatically

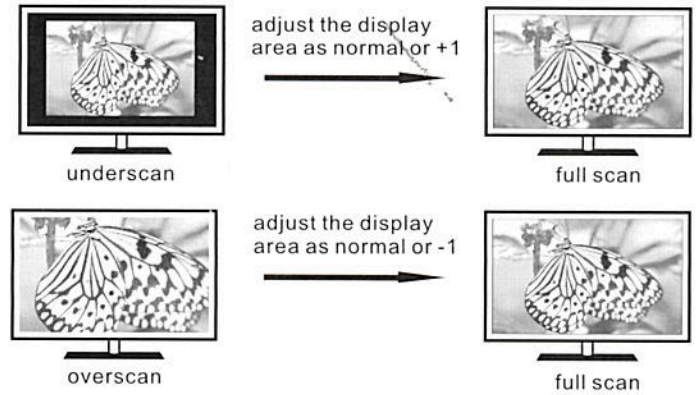
H-Pos Adjust: adjust the horizontal position of the image

V-Pos Adjust: adjust the vertical position of the image

Clock Adjust: adjust the line amplitude of VGA input

Phase Adjust: adjust the phase position of VGA input

Display Area: adjust the display area of VGA input. Include: -1/ Normal/+1 options



6. Technical parameter:

Power Supply	DC5V/1A
Supports VGA input resolutions	Supports adjust phase position, underscan, overscan, automatically. Resolutions supported: 640x480(60Hz), 800x600(60Hz), 1024x768(60Hz), 1280x720(60Hz), 1280x768(60Hz), 1280x960(60Hz), 1280x1024(60Hz), 1360x768(60Hz), 1366x768(60Hz), 1400x1050(60Hz), 1440x900(60Hz), 1600x900(60Hz), 1680x1050(60Hz), 1920x1080(60Hz)
Supports CVBS input	NTSC, PAL
Supports YPbPr input resolutions	Supports automatic signal and mode detect, supported: 480i@60Hz, 480p@60Hz, 576i@50Hz, 576p@50Hz, 720p@50/60Hz, 1080i@50/60Hz, 1080p@50/60Hz

DDC signal	5Vp-p(TTL)
TMDS signal	0.5-1.0Vp-p
HDMI output resolutions	720p@50/60Hz、1080p@50/60Hz
Power consumption	3W
Dimensions	18.5x8.5x2.5 cm (LxWxH)

Disclaimer

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