

# **DVI-I to Component (HD) Scaler Box ID#784**



## **Operation Manual**

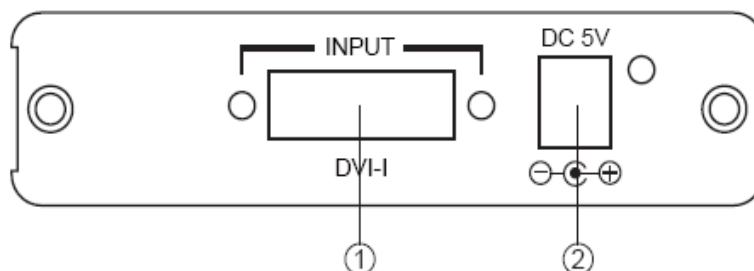
## Introduction

This Scaler Box is designed to upscale DVI-I input sources to HD output of wide-range HDTV resolutions; the resolution is up to 1080p. This unit has a comprehensive OSD menu that allows user to select a variety of output resolutions and adjust for best picture quality.

## Features

- DVI 1.0 compliant.
- Scales any PC/HD resolutions to HD (480i ~ 1080p) resolutions.
- Provides output picture adjustment on contrast, brightness, hue, saturation, sharpness, RGB (color tone) level and aspect ratio size.
- Supports high resolution output:  
SD/HD: 480i, 576i, 480p, 576p, 720p, 1080i and 1080p

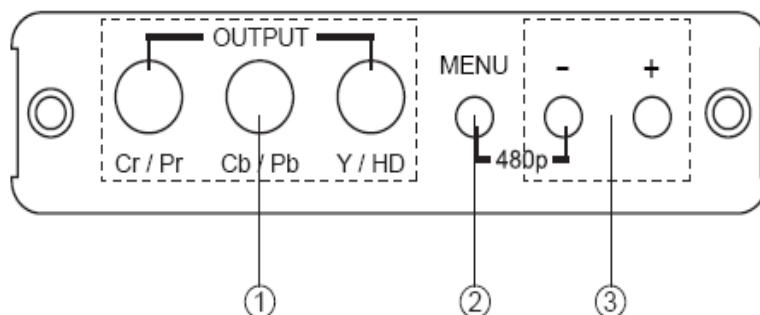
## Operating Controls Front Panel



**1 DVI-input:** Connect the DVI-I input port to the output port of your source equipment.

**2 Power:** Plug the 5VDC power supply into the unit and connect the adaptor to AC wall outlet.

## Rear Panel



**1 Component output:** Connect the component output port to the component input port of your display.

**2 Menu Button:** Press the MENU button to bring up OSD operation menu. (See OSD Operation section for reference.)

### 3 +/- Button:

- On the first tier of OSD menu, use + and – buttons to move up/down the highlight item for selection.
- Once the desired option is selected, use + and – buttons to toggle between setting values.

**Note: Reset:** Press [MENU] and then [ - ] to switch to 480p mode.

## OSD Operation

1 <sup>st</sup> Tier Option	2 <sup>nd</sup> Tier Option	Adjustment
CONTRAST	-	0 ~ 100 of Contrast Level
BRIGHTNESS	-	0 ~ 100 of Brightness Level
FINETUNE	- HUE	0 ~ 100 of Hue Level
	- SATURATION	0 ~ 100 of Saturation Level
	- SHARPNESS	0 ~ 100 of Sharpness Level
	- EXIT	Back to 1 <sup>st</sup> Tier
COLOR	- RED	0 ~ 100 of Red Color Level
	- GREEN	0 ~ 100 of Green Color Level
	- BLUE	0 ~ 100 of Blue Color Level
	- EXIT	Back to 1 <sup>st</sup> Tier
SIZE	-	FULL / OVERSCAN / UNDERSCAN / LETTERBOX / PANSCAN
OUTPUT	-	480i / 480p / 720p@60Hz / 1080i@60Hz / 1080p@60Hz / 576i / 576p / 720p@50Hz / 1080i@50Hz / 1080p@50Hz
OSD	- HPOSITION	0 ~ 100 of OSD Horizontal Position
	- VPOSITION	0 ~ 100 of OSD Vertical Position
	- TIMER	0 ~ 100 of OSD Existing Time (sec.)
	- BACKGROUND	0 ~ 100 of OSD Transparent Level
	- EXIT	Back to 1 <sup>st</sup> Tier
INFORMATION	-	SOURCE (Input Interface) INPUT (Input Resolution) OUTPUT (Output Resolution) VERSION (Firmware Version)
EXIT	-	Close OSD Menu

## Connection and Installation



## Support Resolution

	DVI-I INPUT	Component OUTPUT
	PC/HD	SD/HD
480I/576I (NTSC/PAL)	✓	✓
480P/576P	✓	✓
720P@(50/60)	✓	✓
1080I@(25/30)	✓	✓
1080P@(50/60)	✓	✓
VGA@(60/72/75/85)	✓	
SVGA@(56/60/72/75/85)	✓	
XGA@(60/70/75/85)	✓	
SXGA@(60/75/85)	✓	
UXGA@60	✓	
WXGA@60(1280x800)	✓	
WSXGA@60(1680x1050)	✓	
WUXGA@60(1920x1200)	✓	

## Specifications

<b>Input port</b>	1 x DVI-I (DVI-D,PC)
<b>Output port</b>	1 x Component (Y/Pb/Pr)
<b>Power Supply</b>	5V/2.6A DC (US/EU standards, CE/FCC/UL certified)
<b>Dimensions (mm)</b>	157(D) x 102(W) x 25(H)
<b>Weight(g)</b>	320
<b>Chassis Material</b>	Aluminum
<b>Silkscreen Color</b>	Silver
<b>Operating Temperature</b>	0°C ~ 40°C