MoncTech

VGA-1P & VGA-2P User Manual

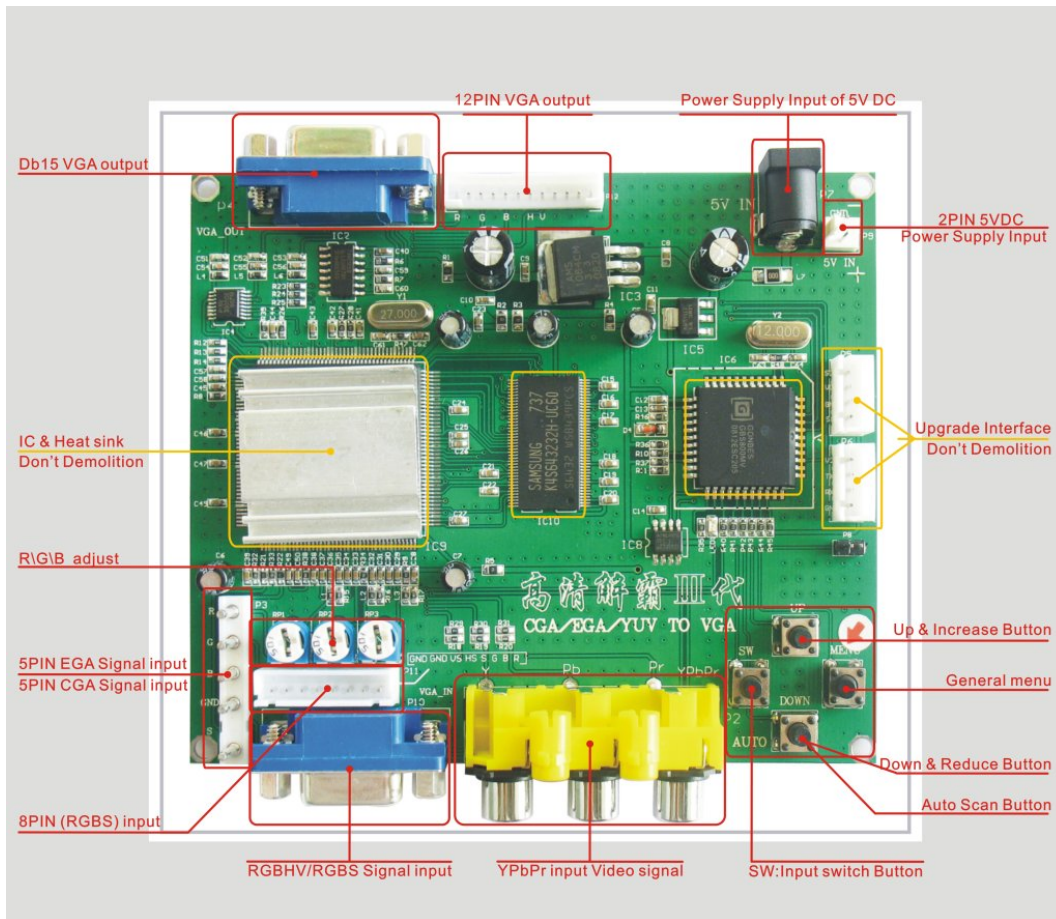Rev. June 15th, 2011

Note

The high definition converter VGA-1P it's professional of game converter.
Support all games (Amusement,Playstation,Xbox,wii......)convert to CRT monitor ,LCD monitor ,

PDP monitor...... Auto scan CGA/EGA/YUV signal, Two VGA outputs , output high resolution signal.

Features

- Supports CGA/EGA/YUV signal input.
- Supports VGA output 640*480,800*600,1024*768,1360*768
- CGA/EGA signal auto scan(15K,24K,31K)
- YUV signal auto scan(480i,576i,720i,1080i,480p,576p,720p,1080p)
- Chinese and English OSD.
- Supports position control & zoom control.
- True digital 24-bit A/D converter for true 16.7-million color conversion.
- Supports all VGA monitor (CRT,LCD,PDP,PROJECT......)
- For **VGA-2P**, it can display on two different outputs at the same time, while VGA-1P just supports one output at the same time.

Interfaces:

5V IN(P7, P9)

VGA OUT(P4)
VGA IN(P10), RGBS(P3, P11)
YPbPr(P2)

Input: DC 5V /2A.
Output RGBS,RGBHV,YPbPr
Input RGBS Support: 15KHz,24KHz,31KHz horizontal signal autoscan
Input RGBHV Support:31K horizontal signal
Input YPbPr Support: 480i-60, 576i-50, 1080i-50, 1080i-60, 480p-60, 576p-60, 720p-50, 720p-60, 1080p-50, 1080p-60 autoscan。 input red green blue can be adjusted by 500 ohm adjuster.
VGA output resolution 640X480,800X600,1024X768,1360X768。

Input Power	5VDC +/- 0.5v (2A)			P7 or P9
Input signal	CGA/EGA	14.5kHz - 16.5kHz 23.5kHz - 25.5kHz 30.5kHz - 32.5kHz	Auto scan	P3 or P11 or P10
	RGBHV	30.5kHz - 32.5kHz	Auto scan	P10 or P11
	VGA	30.5kHz - 32.5kHz	Auto scan	P10 or P11
	Ypbpr	480p,576p,720p,1080p	Auto scan	P2
	Ycbcr	480i,576i,720i,1080i	Auto scan	P2
Output signal	VGA	640*480,800*600 1024*768,1360*768		P4 (P4 and P13 for VGA-2P)
User controls	Input Switch, Image Zoom, Image Position, Output Resolution ,R\G\B gain adjust.			Menu Key R\G\B VR

MENU CONTROL
- "MENU" open OSD menu, and enter.

- "UP"
up and increase.
- "DOWN/AUTO" down and reduce.
Press this key auto scan CGA/EGA signal
Press this key over 5 second and release reset system
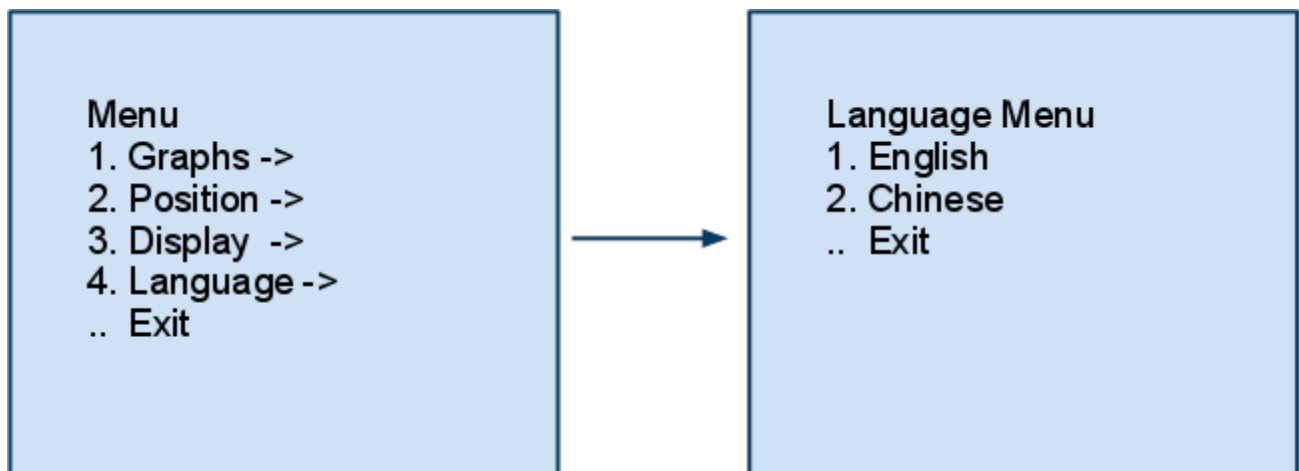** (this operation is invalid when you open OSD menu)
-"SW"
switch input signal Ypbpr/RGBS/RGBHV.
** (this operation is invalid when you open OSD menu)
- "Clamp sp" & "Clamp" please don't adjust this button , excepting the monitor have black
item, or picture discoloration.
- More functions control please look to OSD to operation.
- Change the language

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Menu                          Language Menu
1. Graphs ->                  1. English
2. Position ->                2. Chinese
3. Display  ->        ->      .. Exit
4. Language ->
.. Exit
```

FAQ

No signal on you monitor
-please check input and output cable, make sure all cable it's connected. And make sure power
it's on. Display on you monitor it's "No signal" please press "SW" to switch input signal.
Input not supports
-when you monitor display "input not supports" maybe you need change to low resolution .
Please press "DOWN/AUTO" over 5 second and release. system reset to 800*600 output.
Image not full on you screen
-please enter menu adjust image position and zoom.
Image shake or freeze
-please press "DOWN/AUTO", system auto scan input signal and restore image.
Have black item on screen, or all screen it's too black, or picture discoloration.
-please adjust "Clamp sp" and "Clamp st", please keep "Clamp st" less than "Clamp sp".
-advice "Clamp st" SET "03" , "Clamp sp" SET "04".
Image color not right

-please adjust R\G\B VR.