

VGA SWITCH instruction

High definition & high resolution VGA switch splitter are specially designed for computer high resolution RGB image and audio allocation. They are widely used in big screen, projector, audio-visual education, command & control center, multimedia conference room, ticketing hall, etc. They support one input multiple output, multiple input (switchable) multiple output. The user could switch the image and audio freely during the presentation. These products bandwidth support 450MHz, and all kinds of resolution VGA display signal. They support button Switch, IR remote control and auto scan switch (The interval time could be set up freely.).

Product specifications:

- Support auto detection, if one computer is powered off, the switch will automatically switch to the next powered-on computer
- Support auto scan function (from 5second to 59mins)
- Max resolution 2048x1536, 450MHz
- Support 3.5 stereo audio
- Switch Mode: ① push button ② IR remote control ③ RS232 control

Data Sheet

Model	2in 1out	4in 1out	8in 1out	16in 1out
Ports of input, port type: HDB-15 hole	2	4	8	16
Ports of output, port type: HDB-15 hole	1	1	1	1
Output Impedance/Range	75Ω tri-phosphor RGB: 0.7Vp-p; HV: TTL			
Band Width	450MHz			
Maximum Resolution	2048*1536, Support DDC, DDC2, DDC2B (In PNP Port)			
Horizontal Frequency	30-180KHz			
Vertical Frequency	43-250Hz			
Transmission distance	≤60 meter			
Scan time	5-59 seconds, 1-59mins			
Isolation (Crosstalk)	-75db (MHz)			
Signal Type	RGB stereo			
Audio Interface	3.5 stereo Audio Jack			
Power supply	External Power Supply DC5V power consumption (MAX)			
	0.65W	1.25W	1.65W	2.5W
Weight	490g	920g	1900g	2000g
Dimension	200*75*42MM	270*110*42MM	440*150*42MM	440*150*42MM
Operating temperature	5—40℃			
Operating humidity	0—80%			
Growth Rate	0 dB			
Frequency Response	20 Hz ~ 20 kHz			
THD+ Noise	0.05% @ 1 kHz (Under the rated voltage)			
common-mode rejection rati(CMRR)	>75dB @: 20 Hz ~ 20 kHz			
Impedance	>10KΩ			
Hi-Z	+19.5dBu			
DC Offset	Max 5mV			

Control type

Control Method	Panel, remote control, RS232
Panel Buttons	White buttons
Control Interface	RS-232(DB9)
Baud Rate and Protocol Baud Rate	9600
Data Bits	8bits
Stop bits	1bits, No parity bits
Serial Control Structure	2=TX, 3=RX, 5=GND

Swith mode: ①push button

② IR Remote control switch Control distance≤10meter

③RS232 control switch(16 hex)

control code

Output select in1:

0x63 0x69 0x72 0x20 0x31 0x32 0x0D 0x0A

Output select in2:

0x63 0x69 0x72 0x20 0x32 0x32 0x0D 0x0A

Output select in3:

0x63 0x69 0x72 0x20 0x33 0x32 0x0D 0x0A

Output select in4:

0x63 0x69 0x72 0x20 0x34 0x32 0x0D 0x0A

Output select in5:

0x63 0x69 0x72 0x20 0x35 0x32 0x0D 0x0A

Output select in6:

0x63 0x69 0x72 0x20 0x36 0x32 0x0D 0x0A

Output select in7:

0x63 0x69 0x72 0x20 0x37 0x32 0x0D 0x0A

Output select in8:

0x63 0x69 0x72 0x20 0x38 0x32 0x0D 0x0A

Auto scan

0x63 0x69 0x72 0x20 0x41 0x32 0x0D 0x0A

Output select in9:

0x63 0x69 0x72 0x20 0x39 0x32 0x0D 0x0A

Output select in10:

0x63 0x69 0x72 0x20 0x3A 0x32 0x0D 0x0A

Output select in11:

0x63 0x69 0x72 0x20 0x3B 0x32 0x0D 0x0A

Output select in12:

0x63 0x69 0x72 0x20 0x3C 0x32 0x0D 0x0A

Output select in13:

0x63 0x69 0x72 0x20 0x3D 0x32 0x0D 0x0A

Output select in14:

0x63 0x69 0x72 0x20 0x3E 0x32 0x0D 0x0A

Output select in15:

0x63 0x69 0x72 0x20 0x3F 0x32 0x0D 0x0A

Output select in16:

0x63 0x69 0x72 0x20 0x40 0x32 0x0D 0x0A

Auto scan time set operation instructions:

1. Set/ESC:Set up/ Drop out;

2. Time+/Time-:Time added/Time decreased;

3. Set Min/sec: Minutes or seconds switch of setting up interval time.(It is minute status when the orange LED light is on.)

For example:If you need to set up 45 seconds.Firstly,you should press Set/ESC. At this point the LED digital tube flashes, then you press Time + button until the LED digital tube displays 45,then press Set/ESC button.The setting is finished when the LED digital tube doesn't flash.If the set time is minute,firstly,you should press Set Min/se button, At this point the LED light with Min on/sec off is on.Then you could operate according to the method of setting up second.

Diagram: .(4 in 1 out)

