SB-4106

4x1 VGA ROUTING SWITCHER

VGA SWITCHER

Inputs : 4x VGA(RGBHV)
Output : 1x VGA(RGBHV)

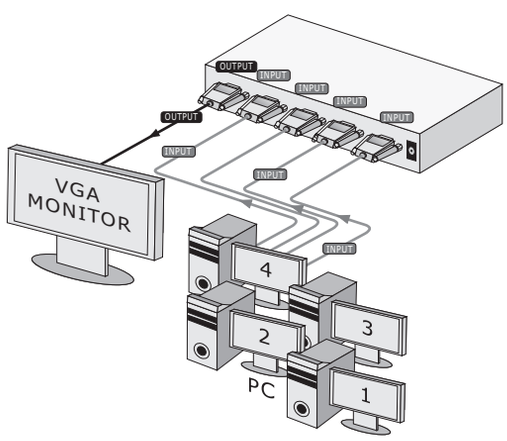




INTRODUCTION

SB-4106 is a high speed Video Bandwidth 310MHz, Maximum 380MHz for VGA-RGBHV routing switcher product. It's one of the most innovative VGA RGBHV signals switch router product. It has 4 individual inputs with 1individual output. It is a four inputs switcher, any input may be routed to one output. It completely eliminates the need to constantly move around VGA input and output cables.This switcher is suited to full HD LCD Television and HDTV high resolution for 480p, 720p,1080i, 1080p, VGA high HD resolution for UXGA 1600x1200 or Plasma display monitor applications. Control is provided via front switch push buttons with LED readout or IR remote controller.

SB-4106 VGA SWITCHER 4x1



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FEATURES

1. Support 4 inputs to 1 output VGA Switcher
2. Support PC Resolution VGA (640x480), SVGA (800x600), XGA (1024x768), SXGA (1280x1024), UXGA (1600x1200), WUXGA (1900x1200)
3. Video Bandwidth : 380MHz (-3dB), 200 mVp-p
4. Excellent Video(VGA-RGBHV) Performance
5. Low all hostile crosstalk of -83 dB @ 5 MHz
6. Excellent ESD rating : exceeds 4000 V
7. Switching RGBHV in LCD monitors and plasma monitor displays
8. Suitable for full HD high resolution Video player device and LCD/Plasma monitor displays
9. Front push buttons with LED readout
10. Infrared : IR remote control (38KHz)
11. Support Lower power consumed full load under 550 mA
12. Power supply offer a universal type 100~240 VAC switch

SPECIFICATIONS

1.Type of switcher :	4 inputs to 1 output VGA Switcher
2.Video Bandwidth :	380MHz, (-3 dB) 200 mV p-p, 310MHz, (-3 dB) 2V p-p
	R=325MHz, G=325MHz, B=325MHz, H=110MHz, V=110MHz
3.Gain Flatness :	90 MHz , 0.1 dB
4.Differential Gain Error :	0.01%, 0.1 dB
5.Differential Phase Error :	0.02 , 0.1 dB (RL=150 W)
6.Fast settling time:	15ns To 0.1%
7.All Hostile Crosstalk :	-84 db @ 5 MHz, -54 dB @ 50 MHz
8.Channel Crosstalk :	-56 db @ 100 MHz
9.Slew Rate :	1000 V/us, G=+1,2 V Step
10.High OFF Isolation :	-100 dB@10MHz
11.Output Current :	100 mA
12.Low power CMOS :	550 uA Quiescent Current
13.Controls :	IR Remote Controller,front panel select buttons with LED readout
14.Safety Approvals :	CE, FCC, VCCI, Erp, WEEE
15.Dimensions (LxWxH) :	8.27" (210mm) x 4.49" (114mm) x 1.06" (27mm)
16.Net Weight (Unit Only) :	About 0.7kg /1.54 lb
17.Power Voltage Input :	DC 12V @ 1.25A

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