

GW2700 RGB/YUV Routing Switcher



GW2700 is a high performance RGB/YUV Video Routing switcher for applications 4×1~128×32. The front panel pushbutton represents each of input signals or each of output signals. The push button can realize the “status lock”, “layer switching”. With the control software, multi channel switching can be achieved.

Features:

- 19” 1U/3U/6U standard chassis with standby power supply and remote control panel
- YUV Routing Switcher 4×1~4×4, 8×1~8×8, 12×1~12×12, 16×1~16×16, 32×4~32×32, 48×4~48×32, 64×4~64×32, 128×4~128×32
- Video standard: RGB/YUV/YC Video, Composite Video, Stereo audio, RS-422 Data
- Audio standard: mono, stereo, balanced, unbalanced
- Enable video, audio alone or simultaneous switching
- Modular Design, Hot Plug-in
- Power off Memory
- Synchronic Signal Input available.
- RS232 Remote Control Optional

Specifications:

Video Inputs		Video Performance	
Input Connector	BNC	Gain	0dB
Return Loss	>40dB	Gain Stability	<±0.1dB
Input Impedance	4.43MHz	Frequency Response	<±0.15dB to 6MHz
Level	75 Ohms	S/N Ratio CCIR567	>70dB
	1Vp-p	DG	<0.15%(10-90% APL)@4.43MHz
Video Outputs		DP	<0.15°(10-90% APL)@4.43MHz
Output Connector	BNC	Cross Talk	<-66dB@4.43MHz
Return Loss	>40dB4.43MHz		Contiguous route-way
Output Impedance	75 Ohms		<-60dB@4.43MHz
Level	1Vp-p		In the worst condition
Audio Inputs		Audio Performance	



Input Connector	3 pin	Gain	0dB
Level	+20dBu MAX	Gain Stability	<±0.1dB
CMRR	>60dB	Frequency Response	<±0.1dB 20Hz to 20kHz
		Noise	<-85dB (20KHz Weighted, RMS)
Audio Outputs		Cross Talk	<-90dB type to 20KHz
Output Connector	3 pin		<-85dB
Level	+20dBu		In the worst condition to 20KHz
DC On Output	600Ohms	THD	<0.015% + 20dBu
	<±20mV		20Hz to 20KHz

Ordering Information:

GW2700-ABC RGB/YUV Video Routing Switcher

A: Number of Input AV channel 4 or 8 or 12 or 16 or 32 or 48 or 64 or 128

B: Number of Output AV channel 1 or 2 or 4 or 8 or 12 or 16 or 32

C: None: No Audio, S_YUV Video and Stereo Audio, VS_YUV Video, Composite Video and Stereo Audio, VSD_YUV Video, Composite Video, Stereo Audio and RS-422 Data