

RGB1616 Audio and Video Matrix



1. Independent RGBHV component input and output terminals, each component of the signal transmission alone, independent switching, realize logical matrix function, can use any input to output. Make the signal transmission attenuation down to a minimum, and the image signal to high-fidelity output.
2. Use professional matrix of high performance processing chip, bringing the buffer, the output is more stable, images are clear and no shadows, embedded intelligent control and management software, provides RS232 control interface, convenient for users to redesign the control software.
3. Provide networking interface that allows more than RGB matrix work together, and extend the multiple ports. With manual control panel functions which has the electric cut off protection, ensure switch memory. We also can add the infrared controller, then we could use the remote control.
4. With PRO Ultrawideband with gain compensation and synchronous signal correction technology, switch faster, no flicker-free. Using a new control pattern and material, has the function of the LCD display, quick selection and storage capabilities, outlook will be more beautiful, more convenient to control. Easier to carry and work with personal PC, or variety of remote control equipments.

Specification:

Bandwidth	550MHz(-3dB)
Brightness Crosstalk	-50dB@5MHz, -45Db@10MHz
Switching Speed	200nS
Inputs	
Signal	16 computer RGBHV signals
Interface	RGBHV BNC interface input
The Minimum Electronic Level	0.5Vp-p
The Maximum Electronic Level	2.0Vp-p
I/O	75Ω
Return Loss	-30dB@5MHz
The Maximum DC compensation	1.5V
Outputs	
Signal	16 computer RGBHV signals
Interface	RGBHV BNC interface output
The Minimum Electronic Level	0.7Vp-p
The Maximum Electronic Level	2.0Vp-p
I/O	75Ω
Return Loss	-30dB@5MHz
The Maximum DC compensation	+5Mv-0
Control	Supports switching bandwidth is 550MHz
	Resolution up to 1600×1200@85Hz;
	Supports RS-232,IR and Front buttons control.
Control port	RS-232, 9-pin COM
Baud rate	9600
Data bits	8
Stop bits	1
Check bit	No
Control Structure	2=TX,3=RX,5=GND
Power Supply	3-pin 117V60Hz
Power consumption	20W
Installation	With a standard rack mounts
Dimension	435L×235W×85H(mm)
Weight	10(kg)
MTBF	30000h