

geratech®



EGE-VGA-848A

8X8 VGA Video Audio
Matrix Switch





SPECIFICATIONS

Name	8x8 VGA video audio matrix switch
Model	EGE-VGA-848A
Input/Output	VGA port and 3.8mm with bolt screw interface
Signal Type	VGA, RGBHV, RGBS, composite video, component video
Height	2U
Bandwidth	700MHz
Input Level	0.5V - 5.0V p-p : 16.0V p-p
Output Level	AGC-TTL: 5Vp-p, unterminated
Output impedance	75Ω
Maximum rise / fall time	16ns
Maximum transmission delay	horizontal: 90ns vertical: 160ns
Video Format	NTSC 3.58, NTSC 16.163, PAL, SECAM
Polarity	Positive or negative (full consistent with input)
Audio Signal Type	Stereo balanced / unbalanced channels
Audio Frequency	20Hz - 20KHz: ± 0.05dB
Audio S/N Ratio	>90dB
Crosstalk	>75dB @20Hz - 20KHz
Switching Speed	200ns (maximum)
Highest Resolution	1920x1200 @60Hz
Max Input/Output Length	< 40m
Serial Control Interface	RS-232 IN: D89 female, RS232 OUT: D89 male
Baud Rate and Protocol	Baud rate: 9600, data bit: 8, stop bit: 1, no parity
Structure of Serial Control Interface	RS-232 IN:2 = TX, 3 = RX, 5 = GND /RS232 OUT: 2 = RX, 3 = TX, 5 = GND
Switch Methods	(Button press, RS232, IR remote) default (ethernet, app on phone, ipad) Optional
Consumption	20W
Meas (mm)	48x24x9cm
Weight	4KG
Power	AC 100V ~ 240V, 50/60 Hz
Temperature	Storage and operating temperature: -20° ~ +70°C
Humidity:	Storage and operating humidity: 10% ~ 90%
MTBF:	160000h



www.egerate.com

www.geratech.eu