

Technical Specifications

Series	AV0404	AV8 Series	AV16 Series	AV24 Series	AV32 Series	AV48, 64 Series	AV96, 128 Series
Specifications							
Video							
Models included	AV0404	AV0802 AV0804 AV0808	AV1604 AV1608 AV1616	AV2408 AV2416 AV2424	AV3208 AV3216 AV3224 AV3232	AV4832 AV4848 AV6432 AV6448 AV6464	AV9664 AV9696 AV12864 AV12896 AV128128
Bandwidth	150MHz (-3dB) , fully loaded 0 -10MHz:≤+/- 0.1dB 0 -30MHz:≤+/- 0.5dB			150MHz (-3dB) , fully loaded 0 -10MHz:≤+/- 0.1dB 0 -30MHz:≤+/- 0.5dB			
Cross talk sum	-50dB @ 5 MHz, -45dB @ 10 MHz						
Differential phase error	0.03 Deg.						
Differential gain error	0.1°, 0.01%						
Switching speed	200 ns (Max)						
Signal type	Composite Video						
Video Input							
Connector	RCA	RCA	BNC female	BNC female	BNC female	BNC female	BNC female
Maximum/Minimum level	Analog signals: 0.5V ~ 2.0V p-p						
Impedance	75 Ω						
Video Output							
Connector	RCA			BNC female			
Maximum/Minimum level	2.0V p-p						
Impedance	75 Ω						
Gain	1.03 dB						
DC offset	±5mV (Maximum)						
Transition type	Vertical interval						
Sync signal							
Input/output signals	NTSC 3.58, NTSC 4.43, PAL, SECAM						
Audio signal							
Input connector	RCA		RCA	3.8mm with screw , 5 pole			
Output connector	RCA		RCA	3.8mm with screw , 5 pole			
Gain	0dB						
Frequency respond	20 Hz ~ 20 kHz,						
General harmonic distortion + noise	0.03% @ 1 kHz (under rating voltage)						



Teq
Gear

Audio Visual Signal Management

Series	AV0404	AV8 Series	AV16 Series	AV24 Series	AV32 Series	AV48, 64 Series	AV96, 128 Series
Specifications							
S/N	>90dB						
Segregation rate	>80dB @ 1 kHz						
Y/C interferer	<-80dB @ 1 kHz, fully loaded						
CMRR	>75dB @: 20 Hz ~ 20 kHz						
Signal	Stereo , balanced /unbalanced						
Impedance	Input: >10 kΩ (balanced /unbalanced) Output: 50 Ω (unbalanced) , 100 Ω (balanced)						
Maximum input level	+19.5dBu, (balanced /unbalanced)						
Gain error	±0.1dB @20 Hz ~ 20 kHz						
Max output level	+19.5dBu, (balanced /unbalanced)						
Control type							
Serial control port	RS-232, 9-pin FD connector						
Baud rate and protocol	Baud rate: 9600 Data bit: 8 Stop bit: 1 Parity bit: none						
Serial port pin-out	2 = TX, 3 = RX, 5 = GND						
Command / Protocol	ECC (Easy Control Commands) Simple ASCII Commands (Case-sensitive)						
Ethernet	Connector		RJ-45 Female (Optional accessory)				
	Protocol		TCP/IP				
	Speed		Full/half-duplex 10/100M				
Software	Switch 2.0 (Available at www.teggear.com/technical)						
Features							
Power supply	100VAC ~ 240VAC, 50/60 Hz, universal international power supply						
Temperature	Storing and operating temperature: -20° ~ +70°C						
Humidity	Storing and operating humidity: 10% ~ 90%						
Size (L x W x H)	19" x 9.6" x 1.9"	19" x 9.5" x 3.5"	19" x 9.66" x 5.5"	19" x 9.2" x 12"	19" x 9.2" x 12"	19" x 10.4" x 18.3"	19" x 10.4" x 36"
Weight	4.5 lbs.	7.5 lbs.	14.0 lbs.	25.5 lbs.	25.5 lbs.	26.0 lbs.	60.0 lbs.
MTBF	30,000 hours						
Warranty	3 years, parts and labor.						

