

## Technical Specifications

Specifications	
<b>Video</b>	
Bandwidth	250MHz (-3dB), fully loaded
Cross talk sum	-60dB @10 MHz, -39dB @100 MHz
Switching speed	200 ns (Max)
Signal type	Component video, Computer Video (VGA-UXGA)
<b>Video Input</b>	
Connector	Female 15-pin HD
Signal strength	1V p-p Y Component Video; 0.7V p-p VGA; 0.3V p-p R-Y & B-Y Component Video、 S-Video
Maximum/Minimum level	Analog signals: 0.5V ~ 2.0V p-p
Impedance	75 $\Omega$
Horizontal frequency response	15 kHz ~ 145 kHz
Vertical frequency response	30 Hz ~ 170 Hz
<b>Video Output</b>	
Connector	Female 15-pin HD
Maximum/Minimum level	2.0V p-p
Impedance	75 $\Omega$
Gain	1.03 dB
Max compensation in Dc offset	$\pm 5$ mV
<b>Sync signal</b>	
Input/output signals	RGBHV, RGBS, Component Video
Input level	0.5V- 5.0V p-p, 4.0V p-p normal
Output level	AGC-TTL: 5Vp-p, unterminated
Input impedance	510 $\Omega$
Output impedance	75 $\Omega$
Maximum transmission delay	Horizontal: 90ns Vertical: 160ns
Maximum rise/fall time	4ns
Polarity	Follows the incoming signal
<b>Audio signal</b>	
I/O connector	3.8mm with screw , 5 pole
Gain	0dB
Frequency respond	20 Hz ~ 20 kHz,
General harmonic distortion + noise	0.05% @ 1 kHz (under rating voltage)
S/N	>90dB
Segregation rate	>80dB @ 1 kHz
CMRR	>75dB @: 20 Hz ~ 20 kHz



<b>Specifications</b>	
Signal	Stereo, balanced /unbalanced
Impedance	Input: >10 k $\Omega$ (balanced /unbalanced) Output: 50 $\Omega$ (unbalanced) , 100 $\Omega$ (balanced)
Maximum input level	+19.5dBu, (balanced /unbalanced)
Gain error	$\pm$ 0.1dB @20 Hz ~ 20 kHz
Max output level	+19.5dBu, (balanced /unbalanced)
<b>Control type</b>	
Serial control port	RS-232, 9-pin Female DB connector
Port Settings	Baud rate: 9600 Data bit: 8 Stop bit: 1 Parity bit: none
Pin-out	2 = TX, 3 = RX, 5 = GND
Software	Switcher 2.0 (Available at <a href="http://www.teqgear.com/technical">www.teqgear.com/technical</a> )
<b>Features</b>	
Power	100VAC ~ 240VAC, 50/60 Hz, universal international power supply
Temperature	Storing and operating temperature: 0°F ~ +130°F
Humidity	Storing and operating humidity: 10% ~ 90%
MTBF	30,000 hours
Warranty	3 years, parts and labor



Teq  
Gear