

Sierra Video 128128HDR-128 128x128 3G HD-SDI Matrix Switcher Redundant PS/8RU

HD-SDI Video	
Data Rates	19Mbps - 2.97 Gbps
Multi-Format	SMPTE 424, SMPTE 372M, SMPTE 310M, SMPTE 259, SMPTE 344M, SMPTE 292M, DVB-ASI, ITU-R BT.601
Jitter	< 0.2 UI
Input	
Video Level	800mV p-p +/-10%
Impedance	75 Ohm
Return Loss	< -20dB up to 2.97GHz
Cable Equalization Range	0-100 meters for SMPTE 292M, 424, or 372M, Belden 1694A 0-300 meters for all other standards, Belden 1694A
Connector Type	BNC
Output	
Video Level	800mV p-p +/- 10%
Impedance	75 ohm
Return Loss	<-20dB up to 2.9GHz
Rise/Fall Times	< 0.4 nsec for 270 Mbps SDI and < 135 psec for HD-SDI
Connector Type	BNC
Fiber Optic Module	Modules accept 8 fiber optical connectors
Connector Type	LC
Fiber Type	Single mode
Wavelength	1310 (nm)
Data Rates	50Mbps – 3Gbps
Min. Optical Input/Output Power	-5dBm
D to A Output Module	
Return Loss	< -30db @ 5 MHz
Differential Gain	+/- 0.3 % @ 3.58 MHz or 4.443MHz
Differential Phase	+/- 0.5 Deg @ 3.58 MHz or 4.443 MHz
Connector Type	BNC
Control Features	
Serial	3 general purpose 9 pin-D Each switchable RS-232 or RS-422 9600, 38400, 115200 baud
Serial Protocols	SVS host.
Ethernet	10/100 Base-T, full duplex RJ-45 connector
Ethernet Protocols	ARP, ICMP, TCP/IP, Telnet, HTTP
Web Server	With MediaNAV™ Router control interface as standard
Control Panels	Supports full line of SCP remote control panels
Legacy SVS Product Control	25 pin-D J1 expansion port, up to 8 additional signal levels
General	
Rack Unit Size/Frame	4RU up to 64x64 8RU up to 128x128
Dimensions	6464 Frame: 19"W x 7"H x 20 3/8"D 128128 Frame: 19"W x 14"H x 20 3/8"D Mounts in standard 19" rack Depth measurements do not include front panel hardware or rear cabling
Power	90 VAC -> 240 VAC auto-detecting < 150 Watts for 64x64 Frame <300 Watts for 128x128 Frame
Redundant Power Supply	Optional
Storage Temperature	-40° to +150° F
Operating Temperature	30° to 100° F ambient
Humidity	10% to 90% non-condensing
Warranty	7 years