



## NOT IN IPS, PLEASE CHECK CAREFULLY YOUR PRODUCT CODE ->> Specifications

### Video

Channels	8
Format	NTSC, PAL, SECAM
Input/Output Signal	1.0 Vpp composite
Bandwidth	6.2 MHz
Signal-to-Noise Ratio	>55 dB
Video Resolution	>500 TV lines
Input/Output Impedance	75 Ohms
Differential Phase	<0.7°
Differential Gain	<2%

### Optical

Mode	Multimode or Single Mode
Optical Budget	Multimode 13 dB; Single Mode 16 dB
Emitter	Laser
Wavelength	Multimode 850/1300 nm; Single Mode Laser 1310 /1550 nm (Depending on model)
Operating Distance	Multimode 3.2 mi (5.2 km); Single Mode 20 mi (32 km) (Depending on model)
Gain Control	Optical Automatic Gain Control (OAGC)
Transmitter Launch Power	Multimode -15 dBm; Single Mode -12dBm
Receiver Sensitivity	-28 dBm

### Electrical

Input Power, Standalone Units	24 VAC or 13.5 VDC regulated (transmitter); 13.5 VDC regulated (receiver)
Input Power, Rack Units	13.5 VDC regulated
Current Requirement	700 mA (standalone transmitter); 1.2 A (rack units and standalone receiver)
Power Consumption	10 W (standalone transmitter); 17 W (standalone receiver and rack units)
Power Factor	10 (rack units only)
Protection	Solid-state short circuit protection
Optional Power Supply	Model 614P

### Environmental

Operating Temperature	-40 to 167 °F (-40 to 75 °C)
Maximum Humidity	95% relative, noncondensing

### Standards

Emissions	FCC Part 15, ICES-003, AS/NZS 3548, EN55022
Immunity	EN50130-4, EN61000-3-2, -3
Safety	UL 1950, CAN/CSA 22.2, NO. 950-95
Laser Safety	21CFR1040, EN60825-1, -2

### Mechanical

Dimensions (LWD), Standalone Units	5.0" x 4.8" x 2.2" (127 x 122 x 56 mm)(transmitter); 9.31" x 6.33" x 2.15" (236 x 89 x 55 mm) (receiver)
Dimensions, Rack Units	2 slots (2.0")
Weight, Standalone Units	Transmitter 1.8 lbs (0.82 kg); Receiver 2.25 lbs (1.02 kg)
Weight, Rack Units	1.24 lbs (0.56 kg)
Construction	Steel (standalone units); Aluminum (rack units)

- One-way transmission of eight video channels over one fiber
- Single and multimode models available
- Coarse Wavelength Division Multiplexer (CWDM) technology
- 8-10-bit video processing depending on channels used
- 500 TV lines resolution
- Video SNR >55 dB
- 6.2 MHz video bandwidth
- Built-in test pattern generator and On-Screen Diagnostics (OSD)
- 16 dB (single mode) or 13 dB (multimode) optical budget
- Optical AGC
- Standalone or rack configurations

## Ordering Information

S708VR-RST      8-Ch Digital Video Rx, MM, Rack