

## REDUNDANT VIDEO SWITCH

**RSW-1002**

### *For Fail-Safe Redundant Video Applications*

The **Litelink**® RSW-1002 is a two input, single output automatic switch designed for those applications where the loss of video is critical. The RSW-1002 may be used with any fiber optic system to implement a redundant, fail-safe video transmission system.

The unit operates by accepting a main and backup video signal. Upon the loss of either signal, the RSW-1002 will automatically switch to and provide the remaining signal to the common output. Indicators are provided to continuously indicate the presence of video signals in each channel as well as the presence of operating power making system troubleshooting simple.



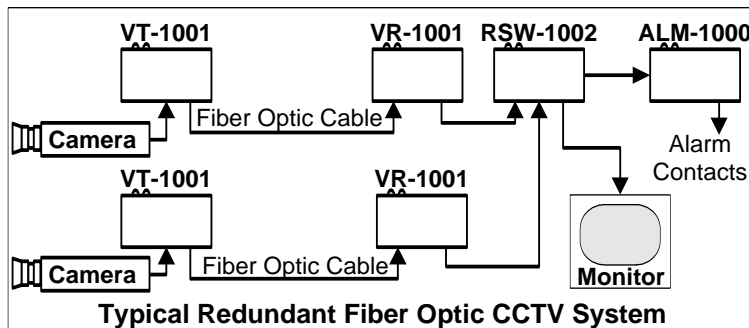
### Technical Specifications

### Important Features

Compatibility	NTSC, PAL, SECAM
Video Bandwidth (per channel)	DC to 100 MHz (+0, -3dB)
Video Input / Output Levels	1 volt peak to peak
Input / Output Impedances	75 ohms
Differential Gain	0.5% maximum
Differential Phase	0.5° maximum
Field Tilt	1% maximum
Signal/Noise Ratio	75dB minimum
Signal Connectors	BNC
Indicators	Pwr, Input 1, Input 2, Alm
Operating Temperature	-35° to +75°C
Humidity	<95% non condensing
MTBF (per MIL HBK 217)	>120,000 hours
Power Requirements*	11-24 VAC/DC @ 150 mA
Physical Size (mm)	5.0" (127) x 3.0" (76) x 1.0" (25.4)

- **DC to 100 MHz Video Bandwidth**
- **Auto or Manual operation**
- **Signal & Power Indicators**
- **Alarm output with ALM-1000**
- **Stand-alone, DIN or Rack Mountable (same unit)**

Note that all specifications are subject to change without prior notice.



### Ordering Information

Redundant Video Switch

RSW-1002

\*For stand-alone operation order a PS-1205 power supply.

\*For rack mounted operation all operating power is provided by the power supply used with the rack panel.

**Litelink**®

Fiber Optic Transmission Systems

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