

REDUNDANT VIDEO SWITCH

RSW-4002

For Fail-Safe Redundant Video Applications

The **Litelink®** RSW-4002 is a two input single output automatic switch designed to implement a redundant, fail-safe DCLS IRIG (un-modulated) signal transmission. The RSW-4002 may be used with any fiber optic system to implement a redundant, fail-safe video transmission system.

Upon loss of the primary IRIG signal, the RSW-4002 will automatically switch the remaining secondary (backup) IRIG signal to the output as well as activate the front panel alarm indicator and ALM-1000 Alarm Sensing Unit if used. 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.



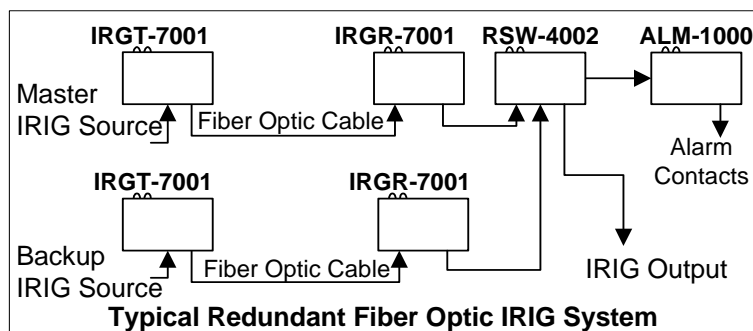
Technical Specifications

Important Feature

Compatibility	IRIG A-H
System Data Rate	DC to 20 Mb/s
Video Input / Output Levels	TTL
Input / Output Impedances	50 ohms
Rise / Fall Time	20 nsec typical
Bit Error Rate	10E9 minimum
Signal Connectors	BNC
Indicators	Pwr, Input 1, Input 2, Alarm
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)

- **100 Hz to 100 MHz 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

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*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

www.LiteLink.com
USA 516-931-2800