

Redundancy Switch (RS) 1100

Features

- Support for major video broadcast formats
- UHF, VHF and composite video
- Switches on contact closure or remote command
- Small size is convenient and standard

The Redundancy Switch (RS) 1100 is a 75 ohm broadband transfer switch that offers broadcasters and teleport operators the ability to obtain higher signal reliability in an efficient 1RU, half width device.

Broadcast Redundancy Switch

The RS-1100 can switch between signal sources in the event of equipment failure and keep a system on the air.

General Purpose Standalone Switch

Outputs can be switched to alternative input signals quickly, either via one of the many remote interfaces or locally using the RS-1100 panel.

Easy to Configure and Manage

- Front panel control for local operation
- Web browser GUI
- Ethernet SNMP remote management

Capabilities

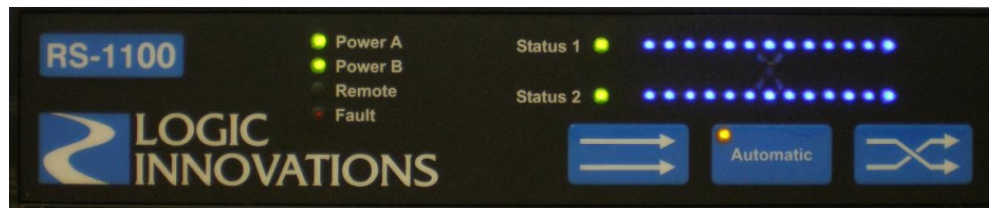
- Ability to switch between two inputs into two separate outputs on contact closure or remote command
- Redundant power supplies for fail-safe operation
- Configurable switching logic
- Monitoring and override of switch state from front panel or remote management
- Signal integrity remains even on a power supply switch over
- LED status indicators display input status

TECHNICAL SPECIFICATIONS—Redundancy Switch (RS) 1100

MODEL	DESCRIPTION
US Format	Dual external power supplies (120 VAC)
EU Format	Dual external power supplies (240 VAC)

INPUT SPECIFICATIONS	
Interfaces	2
Compatible Signals	<ul style="list-style-type: none"> 0-1.0 GHz pass-through, 75 ohm characteristic impedance DVB-ASI, SMPTE 259M, SMPTE 310M, 70 MHz IF, 140 MHz IF, UHF, VHF
Fault, Inputs and Outputs	Isolated Voltage Sense, Terminal Block
OUTPUT SPECIFICATIONS	
Interfaces	2
Compatible Signals	<ul style="list-style-type: none"> 0-1.0 GHz pass-through, 75 ohm characteristic impedance DVB-ASI, SMPTE 259M, SMPTE 310M, 70 MHz IF, 140 MHz IF, UHF, VHF
COMPLIANCE	
FCC, CE and UL	

NETWORK SPECIFICATIONS	
Interfaces	<ul style="list-style-type: none"> Single 10/100 Base-TX Ethernet port (RJ-45) Web browser GUI and SNMP MIB2 support
POWER REQUIREMENTS	
Supply Voltage	85 to 265 VAC, 50 or 60 Hz autosensing
Power Consumption	<50 Watts maximum
PHYSICAL PARAMETERS	
Chassis	1RU rackmount (1/2 width)
Dimensions (H, W, D)	4.4 cm x 21.3 cm x 20.3 cm (1.72" x 8.4" x 8")
Weight	2.13 kg (5 lbs.)
ENVIRONMENTAL CONDITIONS	
Operating Temperature	0° to 50° C (32° to 122° F)
Storage Temperature	-20° to 70° C (-4° to 158° F)
Humidity	5% - 95% non-condensing
Shock	3.5 g @ 10 ms duration
Vibration	0.5 g @ 22 - 100 Hz



International Datacasting Corporation (TSX:IDC) is a global leader in providing IP-based datacasting solutions for the distribution of broadband multimedia content. IDC has a broad portfolio of advanced technology products for implementing a wide range of broadband content contribution and distribution networks. IDC's products are in demand for radio and television broadcast networks, distance learning, digital satellite news gathering and sport contribution, digital signage, digital cinema, IPTV distribution and other applications.

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