



In-Reach 5150 Power Control Series



Overview

The In-Reach 5150 Power Control Series provides system administrators and operators with the ability to remotely power cycle AC equipment or bring redundant systems online. The IR-5150 Power Control Series is designed to be controlled by any of the IR-8000/9000 models and the LX Series of products. This flexibility lets IT managers maximize previous investments by taking full advantage of industry leading Remote Presence capabilities including remote console, alarm, sensor and power control (CASP). Only the In-Reach family combines all these powerful features in a series of affordable and scalable combinations.

The IR-5150's remote management capability provides the benefit of offering remote on/off power cycling of network and facility devices, naming of outlets for ease of use and the robust security capabilities of the In-Reach series products. These security features include per-port multi-level password protection, RADIUS, SecurID and Secure Shell.

Application and Benefits

The In-Reach 5150 Power Control Series leverages the investment of In-Reach remote serial and console access products by integrating power control management. The Power Control series of products complements the In-Reach products and provides true Remote Presence management of lights-out facilities or in-house data centers. Each of the 5150 Series Power Control power outlets can be individually managed (Power On/Off or Reboot). In addition, power outlets can be logically grouped and controlled by one command. Key benefits include Input Current Monitoring and Power-Up Sequencing features to prevent overloads and improve power planning and forecasting.

Agency Approvals & Certifications

FCC Class A
 CE
 cTUVus CSA 22.2 No. 60950-00 3rd edition
 UL Std. 60950 3rd edition
 TUVGS EN 69050 3rd edition



Features

- **Remote Power Management** Individually control each power outlet — or a group of outlets — to remotely reboot network servers and internetworking devices. Or, power-off and secure unused power outlets to prevent unauthorized power consumption on remote power circuit(s).
- **Input Current Monitor** A two-character digital display indicator on the 5150 Power Control Series products provides on-site verification of the cumulative input current load in amps.
- **Power-up Sequencing** Power-up sequencing helps prevent blowing a fuse or tripping a circuit breaker in your data center. Rather than all 16 outlets powering-on at once — with all 16 devices reaching peak in-rush current levels at the same time — Power-On Sequencing distributes power to the outlets in sequence, from the first to the sixteenth outlet. When power is suspended and restored to the 5150 Power Control products, the 16-power output receptacles power-on in two-second intervals. An LED indicator at each receptacle signals the status of the power outlet.
- **Power Distribution North American (100-120v)** 8 and 16 port receptacle models are available in 15, 20 or 30-Amp power input feeds with straight-blade or twist-lock connectors.
- **Power Distribution International (208-240v)** 8 and 16 port receptacle models are available with 16-Amp power input feeds.
- **Username/Password Per Port** Security may be enhanced with the assignment of multiple users with limited access rights to only their designated outlets.
- **Flexible Packaging Options:**
 - **Zero U Rack Space** Save valuable rack space for servers and networking gear by mounting the power control units vertically to the equipment rack.
 - **1U and 2U (19"/23")** Rack mounting option

Applications

- Remote Data Center Power Control
- Remote network Equipment
- Power Control
- Power Requirement Reduction at Co-location Data Centers
- Remote Redundant System Activation



Datasheet

220v Technical Specifications

Model #	HORIZONTAL – NORTH AMERICAN				HORIZONTAL – INTERNATIONAL	
	IR-5152-2108HL	IR-5152-3108HL	IR-5152-2116HL	IR-5152-3116HL	IR-5152-1108H	IR-5152-1116H
Management Interface LEDS Display	RS423 on RJ45 Power Outlets 2 Character Digital - Summary Load Current					
Power Requirements Power inputs - voltage	208-240v, 50-60Hz					
Current	20A	30A	20A	30A	16A	16A
Input Connector	IEC 60320/C19					
Power Output Type	IEC 60320/C13					
Receptacle Quantity	8	8	16	16	8	16
Max. power output per receptacle	6	6	6	6	6	6
Physical Dimensions L"xW"xH"	8"x17" x1.75	8"x17" x1.75"	8"x17" x3.5"	8"x17" x3.5	8"x17" x1.75"	8"x17" x3.5"
Rackmount	1U	1U	2U	2U	1U	2U
Environment Operating temp Humidity	32° to 122° F (0 to 50°C) 10% to 90% non-condensing					
Compliance	UL 60950:2000, CAN/CSA C22.2 No. 60950, EN60950:2000, FCC Part 15 Class A					
Warranty	One Year					

Model #	VERTICAL – NORTH AMERICAN				VERTICAL – INTERNATIONAL	
	IR-5152-2108VL	IR-5152-3108VL	IR-5152-2116VL	IR-5152-3116VL	IR-5152-1108V	IR-5152-1116V
Management Interface LEDS Display	RS423 on RJ45 Power Outlets 2 Character Digital - Summary Load Current					
Power Requirements Power inputs - voltage	208-240v, 50-60Hz					
Current	20A	30A	20A	30A	16A	16A
Input Connector	IEC 60320/C19					
Power Output Type	IEC 60320/C13					
Receptacle Quantity	8	8	16	16	8	16
Max. power output per receptacle	6	6	6	6	6	6
Physical Dimensions L"xW"xH"	43.25" x1.75x2.25"	43.25" x1.75"x2.25"	66" x1.75" x2.25"	66" x1.75"x 2.25"	43.25" x1.75"x2.25"	66" x1.75"x2.25"
Rackmount	'0'U Zero Rack Units, vertical mount					
Environment Operating temp Humidity	32° to 122° F (0 to 50°C) 10% to 90% non-condensing					
Compliance	UL 60950:2000, CAN/CSA C22.2 No. 60950, EN60950:2000, FCC Part 15 Class A					
Warranty	One Year					



Datasheet

120v Vertical Technical Specifications

Model #	IR-5150-1108V	IR-5150-2108V	IR-5150-2108VL	IR-5150-3108VL	IR-5150-1116V	IR-5150-2116V	IR-5150-2116VL	IR-5150-3116VL
Management Interface LEDS Display	RS423 on RJ45 Power Outlets 2 Character Digital - Summary Load Current							
Power Requirements Power Input	100-120v, 50-60Hz 15A	100-120v, 50-60Hz 20A	100-120v, 50-60Hz 20A	100-120v, 50-60Hz 30A	100-120v, 50-60Hz 15A	100-120v, 50-60Hz 20A	100-120v, 50-60Hz 20A	100-120v, 50-60Hz 30A
Input Connector	NEMA 5-15P	NEMA 5-20P	NEMA L5-20P	NEMA L5-30P	NEMA 5-15P	NEMA 5-20P	NEMA L5-20P	NEMA L5-30P
Power Output Type	NEMA 5-15R							
Receptacle Quantity	8				16			
Max. power output per receptacle	10 amps							
Physical Dimensions Dimensions (L" x H" x D")	43.25" x 1.75" x 2.25"				66" x 1.75" x 2.25"			
Rackmount	0U - Zero Rack Units, Vertical mount							
Environment Operating temp Humidity	32° to 122° F (0 to 50°C) 10% to 90% non-condensing							
Compliance	UL 60950:2000, CAN/CSA C22.2 No. 60950, EN60950:2000, FCC Part 15 Class A							
Warranty	One Year							




Datasheet
120v Horizontal Technical Specifications

Model #	IR-5150-1108H	IR-5150-2108H	IR-5150-2108HL	IR-5150-3108HL	IR-5150-1116H	IR-5150-2116H	IR-5150-2116HL	IR-5150-3116HL
Management Interface LEDS Display	RS423 on RJ45 Power Outlets 2 Character Digital - Summary Load Current							
Power Requirements Power Inputs - voltage Current	100-120v, 50-60Hz 15A	100-120v, 50-60Hz 20A	100-120v, 50-60Hz 20A	100-120v, 50-60Hz 30A	100-120v, 50-60Hz 15A	100-120v, 50-60Hz 20A	100-120v, 50-60Hz 20A	100-120v, 50-60Hz 30A
Input Connector	NEMA 5-15P	NEMA 5-20P	NEMA L5-20P	NEMA L5-30P	NEMA 5-15P	NEMA 5-20P	NEMA L5-20P	NEMA L5-30P
Power Output Type	NEMA 5-15R							
Receptacle Quantity	8				16			
Max. power output per receptacle	10 amps							
Physical Dimensions L" x W" x H"	8" x 17" x 1.75"				8" x 17" x 3.5"			
Rackmount	1U				2U			
Environment Operating temp Humidity Compliance Warranty	32° to 122° F (0 to 50°C) 10% to 90% non-condensing UL 60950:2000, CAN/CSA C22.2 No. 60950, EN60950:2000, FCC Part 15 Class A One Year							



MRV has more than 50 offices throughout the world. Addresses, phone numbers and fax numbers are listed at www.mrv.com. Please e-mail us at sales@mrv.com or call us for assistance.

MRV Los Angeles
20415 Nordhoff St.
Chatsworth, CA 91311
800-338-5316
818-773-0900

MRV Boston
295 Foster St.
Littleton, MA 01460
800-338-5316
978-952-4700

MRV International
Business Park Moerfelden
Waldeckerstrasse 13
64546 Moerfelden-Walldorf
Germany
Tel. (49) 6105/2070
Fax (49) 6105/207-100

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