

Datasheet

LX Series

4800 Power Control Series

Power Distribution, Management and Control

The 4800 Power Control Series from MRV Communications deliver -48 VDC power solutions combining intelligent power distribution and remote power control. They provide a powerful, cost-effective solution for remote networks and systems to ensure minimal operational downtime, and eliminate site visits.

Simple, Secure Remote Network Operations

Each 4800 Series model features out-of-band connectivity that allows administrators to remotely power-on, power-off or reboot attached equipment. The 4800 models are accessed through MRV's LX Series Console Servers with enhanced security capabilities, including SSH v2, SNMP V3, Radius, SecurID, TACACS+ and compliance with the FIPS 140-2 federal security standard. The LX Series provides management through an easy to use browser-based GUI, extensive command line interface, or MRV's SNMP based Megavision management software.

To support redundant power supply routers and switches, each 4800 Power Control Series model supports dual 100-amp power inputs. Interchangeable fuses allow administrators to replace fuse values to change the amperage rating of each outlet circuit.

Configurations for Maximum Scalability

The 4800 Power Control Series includes three models to meet a wide variety of applications:

- The 4805 XLS Remote Power Manager is designed for CLECs, ILECs, ISPs and corporations to manage -48 VDC power control to equipment cabinets in remote sites, co-location facilities and network operations centers. The device features 16 10-amp outlet circuits protected with GMT fuses.
- The 4805/35-XLS is ideal for power distribution and remote management for cabinets with both -48 VDC powered servers and high-amperage routers. It features eight 10-amp outlet circuits protected with GMT fuses, and four 70-amp maximum outlet circuits protected with TPC fuses.



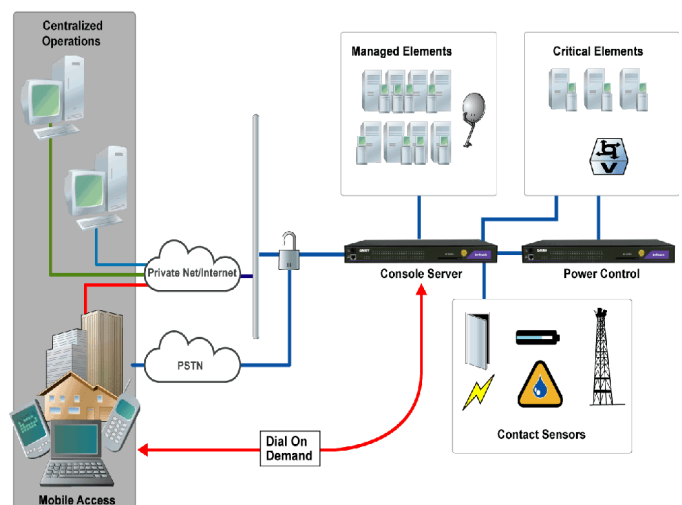
Applications

- Enterprise data centers
- Remote/Branch offices
- Test and development labs
- Utilities

Benefits

- Combine power distribution and remote power management
- Single management interface for service port management and remote power control via LX Series Console Server
- Enhance operation and efficiency of backup power systems (UPS, generator)
- Improve Service Levels by reducing down time caused by locked-up equipment

Out-of-Band Networking Applications



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Technical Specifications		
Model	4805/35-XLS-12	4805-XLS-16
Power Input	2 power input terminal blocks, 100A -48 VDC	2 power input terminal blocks, 100A -48 VDC
Power Output	<ul style="list-style-type: none"> • 8 outlet circuits, 10A max, protected with GMT fuses • 4 outlet circuits, 70A max, protected with TPC fuses 	<ul style="list-style-type: none"> • 16 power outlet circuits, 10A max, protected with GMT fuses
Communications Interfaces	<ul style="list-style-type: none"> • Console RS-232, RJ45 • Up to 57,600 bps • 10/100 BaseT Ethernet (used for firmware updates only) 	<ul style="list-style-type: none"> • Console RS-232, RJ45 • Up to 57,600 bps • 10/100 BaseT Ethernet (used for firmware updates only)
Size	17" W (w/19" mounting brackets) x 3.5" H (2 RU) x 16" D	17" W (w/19" mounting brackets) x 3.5" H (2 RU) x 16" D
Weight	16 lbs	16 lbs
Conformance and Agency Approvals	<ul style="list-style-type: none"> • TUV-GS marked to EN60950 • cTUV-us marked to UL 1950 and CSA C22.2 No. 950-95 	<ul style="list-style-type: none"> • TUV-GS marked to EN60950 • cTUV-us marked to UL 1950 and CSA C22.2 No. 950-95
Designed to NEBS	GR-1089-CORE, Sections 3.2, 7, 9 GR-63-CORE, Sections 4.2, 5.2	GR-1089-CORE, Sections 3.2, 7, 9 GR-63-CORE, Sections 4.2, 5.2

Ordering Information	
LX-480535-XLS-12	4800 Power Control Model, 4 70A Outlets, 8 10A Outlets
LX-4805-XLS-16	4800 Power Control Model, 16 10A Outlets
LX-PCH-2U-RCK	23" Rack mount kit for 4800 Series

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