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Manage Network Elements from Anywhere!

Power Control & Management:
- Dual 20 Amp or Single 15 Amp Power Supply
- On/Off/Reboot/Default/Load Shed Switching
- Outlet Sequencing & Power Up Delays
- Scheduled Outlet Switching/Reboot
- Ping Watchdog with Auto Reboot
- 4 or 8 Switchable NEMA 5-15R or IEC C13 Outlets
- 120 VAC and 240 VAC Models

Serial Console Port Management:
- (8) RS-232 RJ45 Serial Ports
- Break Command Blocking
- SSH/Telnet/Raw-Socket TCP Connection
- Reverse/Outbound SSH
- Non-Connect Port Buffering

Accessibility:
- In Band (10/100Base-T Ethernet Port)
- Out-of-Band (56K v.92 Internal Modem with Dialback)
- Local Access (RJ45 RS232 SetUp Port)

Security & Authentication:
- SSHv2 Encryption
- Embedded Validated FIPS 140-2 Cryptographic Module
- HTTPS/SSL Secure Web
- Remote Authentication: LDAP/Kerberos/RADIUS/TACACS+
- Port & Plug Specific Password Protection
- SSL Web Browser
- Multi-Level Subscriber Directory
- IP Address Filtering

Monitoring / Alarms / Reporting:
- Over-Temperature Alarms
- Lost Communication Alarm
- Ping-No-Answer Alarm (Failed Ping Command)
- Invalid Access Lockout and Alarm (IP Filtering)
- Power Cycle Alarm
- Buffer Threshold Alarm
- Lost Voltage Alarm
- Alarm Notification via Email, SNMP, SYSLOG
- Temperature Logging, Command Logging and Alarm Logging Capabilities
- Time Stamp Port Buffering

Unit Management:
- SNMP Control, Monitoring and Configuration with Full MIB Support
- Multiple Concurrent SSH Sessions
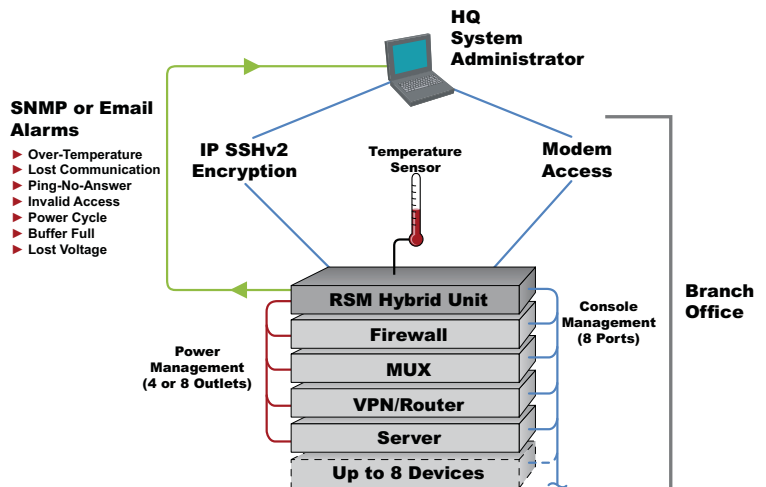- Command Line Interface (CLI) & Web-Based Graphic User Interface (GUI)

Model RSM-8R8-1
(8) NEMA 5-15R Outlets

Model RSM-8R4-1
(4) NEMA 5-15R Outlets

RSM Hybrid series console server/power switches provide system administrators with two vital network management tools in one compact package: secure, remote power control and console port access. This makes the RSM Hybrid ideal for branch office applications and other installations where rack space is limited. RSM Hybrids provide a secure, dependable means to control AC power and manage RS232 console ports on rack mount equipment at remote locations. User-friendly alarm functions can monitor network elements for significant status changes and notify network managers via SYSLOG, SNMP Trap or email.

HQ System Administrator

SNMP or Email Alarms
- ▶ Over-Temperature
- ▶ Lost Communication
- ▶ Ping-No-Answer
- ▶ Invalid Access
- ▶ Power Cycle
- ▶ Buffer Full
- ▶ Lost Voltage

IP SSHv2 Encryption

Temperature Sensor

Modem Access

Branch Office

RSM Hybrid Unit
Firewall
MUX
VPN/Router
Server
Up to 8 Devices

Power Management (4 or 8 Outlets)

Console Management (8 Ports)

Secure Console Server + Power Switch

Model Number	Outlets	AC Voltage 50/60 Hz	Power Distribution (80% Derated)	Input Feeds	Power Cord (Detachable)	Dimensions
RSM-8R8-1	(8) NEMA 5-15R	100/132V	1.6/2.1 kW	(2) 20 Amp	C19 to NEMA 5-15P, 8'	W : 17" (43.2 cm) D: 8.75" (22.2 cm) H: 1.75" (4.5 cm) (1 U)
RSM-8R8-2	(8) IEC 60320 C13	200/240V	3.2/3.8 kW	(2) 20 Amp	(Sold Separately)	
RSM-8R4-1	(4) NEMA 5-15R	100/120V	1.2/1.4 kW	(1) 15 Amp	C13 to NEMA 5-15P, 6'	W : 17" (43.2 cm) D: 6.5" (16.5 cm) H: 1.75" (4.5 cm) (1 U)
RSM-8R4-2	(4) IEC 60320 C13	100/240V	1.2/2.9 kW	(1) 15 Amp	(Sold Separately)	
RSM-8R4-1-DCM	(4) NEMA 5-15R	100/120V	1.2/1.4 kW	(1) 15 Amp	C13 to NEMA 5-15P, 6'	W: 9" (22.9 cm) D: 5" (12.7 cm) H: 3.5" (8.9 cm)
RSM-8R4-2-DCM	(4) IEC 60320 C13	100/240V	1.2/2.9 kW	(1) 15 Amp	(Sold Separately)	

RS232 Ports:	(8) RJ45 Connectors, DTE
Ethernet Port:	10/100 BaseT, RJ45
Operating Temperature:	32˚F - 122˚F (0˚C - 50˚C)
Humidity:	10 - 90% RH
Shipping Weight:	8 Lbs (3.6 Kgs)
Approvals:	UL, cUL, CE (208/250 VAC Units), FCC Class A

Mounting:
RSM-8R8-x and RSM-8R4-x Units - 19" Rack Mount brackets included.
RSM-8R-x-DCM Units - Wall Mount Brackets included.
(Optional 19" Rack Mount Brackets and DIN Rail Mount Brackets also available.)

Power Control
Simple commands select outlet parameters, control power switching and view status. Each outlet can be assigned a power-up sequence and delay time, allowing you to power-up outlets in a set order, pausing for a user-specified time between each outlet.

Security and Authentication
User accounts determine which outlets and ports each operator is allowed to control. Powerful SSHv2 encryption ensures that data remains safe from unauthorized view. LDAP, Kerberos, RADIUS, TACACS+, and HTTPS/SSL secure web format provide privacy and authentication. When communicating via the internal 57.6 Kbps modem, a convenient dialback feature makes certain that access to command functions remains protected.

Model RSM-8R8-2
(8) IEC-60320-C13 Outlets

Model RSM-8R4-2
(4) IEC-60320-C13 Outlets

Secure Console Server + Power Switch