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# Console Server + Power Switch

## RSM Hybrid Series

## Manage Network Elements from Anywhere!

### Power Control & Management:

- Dual 20 Amp or Single 15 Amp Power Supply
- Asynchronous Automatic Transfer Switch (ATS)
- 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)
- Supports Both IPv6 and IPv4

### 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
- No Dialtone Alarm
- Alarm Notification via Email, SNMP, SYSLOG
- Event and Status 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)

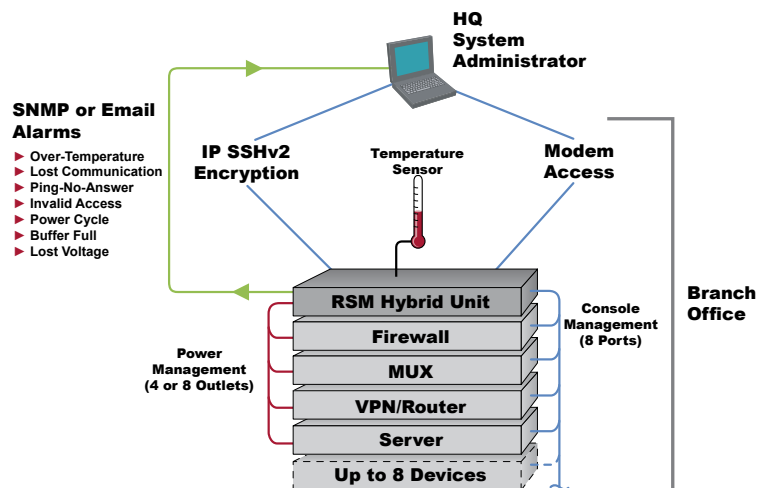


**Model RSM-8R8-1**  
**(8) NEMA 5-15R Outlets**



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

WTI's 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.



# Secure Console Server + Power Switch



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## RSM Hybrid Series

Model Number	Outlets	AC Voltage 50/60 Hz	Power Distribution (80% Derated)	Input Feeds	ATS	Power Cord (Detachable)	Dimensions
<b>RSM-8R8-1</b>	(8) NEMA 5-15R	100/120V	1.6/2.1 kW	(2) 20 Amp	Yes	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)
<b>RSM-8R8-2</b>	(8) IEC 60320 C13	200/240V	3.2/3.8 kW	(2) 20 Amp	Yes	(Sold Separately)	
<b>RSM-8R4-1</b>	(4) NEMA 5-15R	100/120V	1.2/1.4 kW	(1) 15 Amp	No	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)
<b>RSM-8R4-2</b>	(4) IEC 60320 C13	100/240V	1.2/2.9 kW	(1) 15 Amp	No	(Sold Separately)	
<b>RSM-8R4-1-DCM</b>	(4) NEMA 5-15R	100/120V	1.2/1.4 kW	(1) 15 Amp	No	C13 to NEMA 5-15P, 6'	W: 9" (22.9 cm) D: 5" (12.7 cm) H: 3.5" (8.9 cm)
<b>RSM-8R4-2-DCM</b>	(4) IEC 60320 C13	100/240V	1.2/2.9 kW	(1) 15 Amp	No	(Sold Separately)	

<b>RS232 Ports:</b>	(8) RJ45 Connectors, DTE
<b>Ethernet Port:</b>	10/100 BaseT, RJ45
<b>Operating Temperature:</b>	32°F - 122°F (0°C - 50°C)
<b>Humidity:</b>	10 - 90% RH
<b>Shipping Weight:</b>	8 Lbs (3.6 Kgs)
<b>Approvals:</b>	UL, cUL, CE, FCC Class A
<b>Mounting:</b> <b>RSM-8R8-x and RSM-8R4-x Units</b> - 19" Rack Mount brackets included. <b>RSM-8R-x-DCM Units</b> - Wall Mount Brackets included. (Optional 19" Rack Mount Brackets and DIN Rail Mount Brackets also available.)	

- ✓ 5 Year Warranty
- ✓ Stocked for Same Day Shipments
- ✓ In-House Design & Manufacturing
- ✓ Free Firmware Updates & Support



### Power Control

Simple commands select outlet parameters, control power reboot/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-DCM**  
(4) IEC-60320-C13 Outlets

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