



# Serial Console Server RSM Series

## Manage Network Elements from *Anywhere!*

### Serial Console Port Management:

- 8, 16 or 32 RS232 DB9 Serial Ports
- Break Command Blocking
- SSH/Telnet/Raw-Socket TCP Connection
- Reverse/Outbound SSH

### Accessibility:

- In-Band (10/100Base-T Ethernet Port)
- Out-of-Band (56K v.92 Internal Modem with Dialback)
- Local Access (DB9 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-Specific Password Protection
- Multi-Level Subscriber Directory
- IP Address Filtering

### Event Monitoring, Logging and Notification:

- 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
- Temperature Logging, Command Logging and Event Logging Capabilities
- SYSLOG Messages
- Time Stamp Port Buffering
- Non-Connect Port Buffering

### Unit Management:

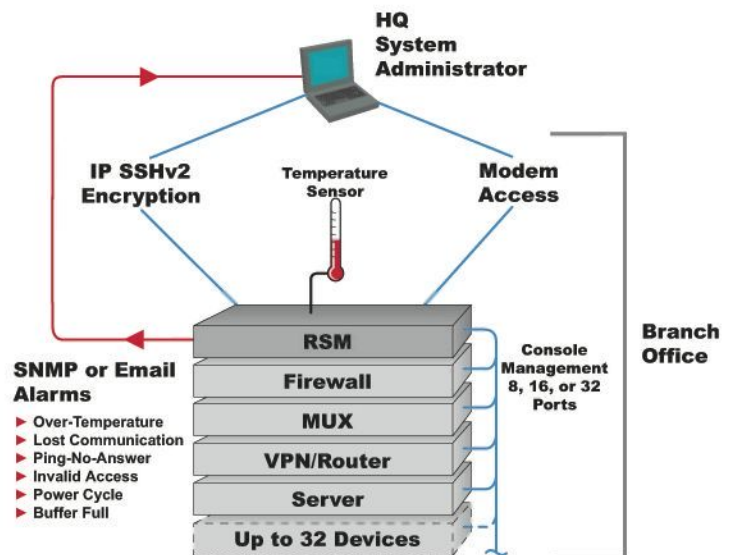
- Command Line Interface (CLI)
- Web-Based Graphic User Interface (GUI)
- SNMP Control, Monitoring and Configuration
- Full MIB Support
- Multiple Concurrent SSH Sessions
- NTP for True Server Sync



Model RSM-16

Our RSM Series console servers allow network managers to access, maintain and troubleshoot network devices from anywhere. The RSM provides secure, local and remote RS232 console port access to servers, routers, switches, firewalls and other network elements. An effective array of security and authentication features ensure that access to your critical network devices remain secure.

The RSM can also monitor network elements for significant status changes, and then promptly notify system administrators via SNMP trap or email when high temperature readings, full port buffers, invalid access attempts and other noteworthy events are detected. The RSM is available in both 100/240 VAC and -48 VDC configurations.



## Secure Console Port Access



Distributed by:

i-Tech Company LLC

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# Serial Console Server

## RSM Series

Model Number	RS232 Ports	Power Input	Voltage	Power Cord	Dimensions
RSM-8	(8) DB9M (DTE)	(1) IEC-60320-C14	100-240 VAC, 50/60 Hz, 10 Watts Max.	*	W: 19" (48.3 cm) D: 6.5" (16.5 cm)
RSM-16	(16) DB9M (DTE)	(1) IEC-60320-C14	100-240 VAC, 50/60 Hz, 10 Watts Max.	*	H: 1.75" (4.5 cm)
RSM-16DC	(16) DB9M (DTE)	Terminal Strip (#6-32)	-48 VDC, 0.2 Amp Max.	N/A	(1 U)
RSM-32	(32) DB9M (DTE)	(1) IEC-60320-C14	100-240 VAC, 50/60 Hz, 10 Watts Max.	*	W: 19" (48.3 cm)
RSM-32DC	(32) DB9M (DTE)	Terminal Strip (#6-32)	-48 VDC, 0.2 Amp Max.	N/A	D: 6.5" (16.5 cm) H: 3.5" (8.8 cm) (2 U)

\* 120 VAC Units Include IEC-60320-C13 to NEMA 5-15P Power Supply Cable. Other Power Cables may be ordered separately.

<b>Ethernet Port:</b>	10/100 BaseT, RJ45
<b>Internal Modem:</b>	57.6K, V.92
<b>Memory:</b>	Stores Parameters and Captured Data. 256K per port.
<b>Operating Temperature:</b>	32°F - 122°F (0°C - 50°C)
<b>Humidity:</b>	10 - 90% RH
<b>Shipping Weights:</b>	
RSM-8,	6 Lbs (2.7 Kgs)
RSM-16, RSM-16DC	6 Lbs. (2.6 Kgs)
RSM-32, RSM-32DC	12 Lbs. (5.5 Kg)
<b>Mounting:</b>	19" Rack Brackets Included
<b>Approvals:</b>	UL, cUL, CE (AC Units), FCC Class A



Model RSM-8



Model RSM-16



Model RSM-32



- ✓ 5 Year Warranty
- ✓ Stocked for Same Day Shipments
- ✓ In-House Design & Manufacturing
- ✓ Made In USA

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