



# 5400-RM

## OOB Cellular Remote Manager



### Secure Out of Band Device Management

It is impossible to build a fully redundant network to avoid downtime since all networks will eventually fail. Instead, you need to build a resilient network. A resilient network employs Accelerated's intelligent network devices to provide out of band (OOB) management during normal operation or to allow efficient remote OOB access to equipment during network failure, disruptions or disasters. Installing the 5400-RM allows a business to stay in control, to monitor, configure and maintain access to critical infrastructure. In addition, the 5400-RM allows businesses to automatically and seamlessly stay connected during primary network down events with cellular failover and failback, without the need to engage on-site personnel.

The Accelerated 5400-RM Out-of-Band (OOB) Cellular Remote Manager allows organizations to securely manage remote network et al devices/equipment using any site Ethernet based connection or completely out of band using the Cellular Data Network. In addition, through the use of Accelerated's next generation embedded 3G / LTE cellular failover technology, the 5400-RM can deliver seamless broadband backup capabilities and simultaneous uninterrupted remote management from a centralized network operation facility using network cloud management during primary connection downtime.

Accelerated's 5400-RM provides access to the serial console ports of critical infrastructure providing a reliable and secure path to equipment at remote sites, such as servers, routers, firewalls, appliances, and serial devices. The 5400-RM allows businesses to avoid being dependent on unqualified staff on-site for verification of network and power connections, troubleshooting or power cycling devices. It can also provide significant operational cost savings by removing the need for truck rolls to the site or skilled IT technicians to travel to the site. In the unlikely event that you lose cellular connectivity to the 5400-RM it can be recovered out of band using an encrypted SMS control system: Accelerated Emergency Remote™.

### Serial Ports

The four serial ports on the 5400-RM OOB manager are typically used for access to other network equipment via their serial/console ports. Console port access may be the primary means of configuration for strategic or critical network equipment. Alternatively console port access may be needed for critical equipment in the event that the network connection to, or configuration of this equipment has failed. The serial ports may be disabled, enabled, configured and accessed via centralized remote management including optional use of TCP, telnet or SSH connections.

Standard inexpensive CAT5 cables can be used to connect the 5400-RM to network equipment console ports and have been tested at lengths and speeds greater than the RS232 9600 baud 50 foot standard.

### KEY FEATURES

- LTE certified embedded cellular modem
- Compact size
- Out of band (OOB) management
- Securely manage remote devices
- Cellular connectivity and failover/failback
- Cloud access to serial ports
- Enterprise resilience

### BENEFITS

- Control, access and monitor critical infrastructure
- Stay connected even during network disaster or downtime
- Reduce interruption to local staff
- Reduce "truck rolls"
- Replace POTS
- Save time and money
- Accelerated View for central cloud-managed facilitates rapid deployment and management of large network

### OOB DEVICES

- Servers
- Routers
- Firewalls
- Other network equipment
- Any serial device



SCALABLE NETWORK RESILIENCE



# Technical Specifications

LAN	1 Ethernet Port 10/100 Base-T (RJ-45)
SERIAL PORTS	4 Serial ports RJ45 RS232
USB	1 USB 2.0
ANTENNA	2 Dipole; Frequency: 700-960/1575-2700 hz; Gain: 1-4 dBi; Dimensions: 14 x 35 x 122mm
SIM	1 SIM Card Slot (Size 2FF)
POWER SUPPLY	12V DC, 1.0A; 100-240 AC
CELLULAR	LTE, HSPA+, HSPA, EDGE, GPRS and GSM
LED	10 LEDs, from left to right on front panel, (1) Power, (2) Online, (3) LTE, (4) 3G, (5) Backup and (6-10) Signal Strength
DIMENSIONS	8.2 x 5.2 x 1.3 inches (208mm x 133mm x 32 mm)
WEIGHT	26 ounces (0.73 kg)
TEMPERATURE	32°F to 104°F (0°C to 40°C) Operating
STORAGE TEMP & HUMIDITY	-13°F to 167°F (-25°C to 75°C); 5% to 95% Non-Condensing
CERTIFICATIONS	FCC Part 15, Subpart B, Class A; CE; C-Tick/RCM; CAN ICES-3 (A)/NMB-3(A)
CELLULAR CERTIFICATIONS	AT&T, Sprint, T-Mobile (North American SKUs), Verizon & PTCRB; GCF (EU SKU)
SKUs	ASB-5400-RMA1-GLB for North and South America ASB-5400-RMA3-GLB for Asia, Europe, Middle East and Africa

## WAN

- All mobile technologies (LTE/4G/3G/UMTS/HSPA/...)
- Automatic self-configuration for most Carrier/SIM combinations.
- Comprehensive local Web UI for diagnosis and configuration for unusual deployments
- Network pass-through operation
- OOB management
- Emergency remote SMS recovery

## SOFTWARE

- Designed from the ground up to be centrally or locally managed
- Extensive configuration allows complete customization
- Local WebUI and Accelerated View cloud management provide full access to all configuration and diagnostics
- User friendly CLI with tab completion and smart help
- Smart configuration migration to latest releases
- Remote firmware upgrades
- Modem firmware update capabilities
- Rapid security updates and regular firmware releases
- Automatic location services
- Accelerated View cloud management (configuration, reporting, alerts, usage, support)
- Accelerated View cloud management map based status summary for quick overview

## FIREWALL

- Fully configurable stateful firewall
- Port forwarding
- Blocking / Filtering
- NAT / Pass-through / Routed

## NETWORK

- IPv4
- IPv6

## SECURITY

- AES, 3DES
- IKEv1, OpenVPN, MODECFG, X509
- Interop with a large range of networking equipment
- Support for legacy cryptographic interconnects (SHA1, DES, MD5) if needed
- All services can be configured to allow comprehensive lockdown
- RADIUS, TACACS+
- IPsec - no artificial tunnel count limits

## aView™ Cloud Network Management

Like all Accelerated products, you can centrally manage the Accelerated 5400-RM with our cloud-based management portal, Accelerated View™. This secure portal allows you to rapidly deploy and manage a large number of remote locations. From Accelerated View, you can remotely monitor, configure and update single or groups of devices including managing the serial ports of 5400-RMs.

### Accelerated View™ features:

- Hardened data center
- IPSec secure communication
- Zero touch provisioning
- Unlimited scalability
- 100% control and security

### Certified data center:

- SOC1
- SOC2
- PCI-DSS
- HIPAA

### Extended Maintenance & Support

Phone and Email support and product replacement & firmware updates while under extended maintenance

