www.redlion.net/sixnet
+1 (518) 877-5173 | info@redlion.net

CONNECT. MONITOR. CONTROL.

About

As the global experts in communication, monitoring and control for industrial automation and networking, Red Lion has been delivering innovative solutions to customers for over forty years. Our award-winning technology enables companies worldwide to gain real-time data visibility that drives productivity. Product brands include Red Lion, Sixnet and N-Tron. With headquarters in York, Pennsylvania, the company has offices across the Americas, Asia-Pacific and Europe. Red Lion is a Spectris company.

TO LEARN MORE >> **VISIT** www.redlion.net/sixnet **EMAIL** info@redlion.net **CALL** +1 (518) 877-5173

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Cellular M2M Products

Sixnet Cellular Series

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Sixnet Cellular Routers

Red Lion's Sixnet's IndustrialPro M2M industrial cellular routers provide secure, cost-effective wireless connectivity to remote locations and assets. As reliable primary WAN connections or a backup to existing network links, the IndustrialPro routers are ideally suited for harsh industrial environments where space may be limited and wired connectivity is not feasible.

M2M Cellular Connectivity IndustrialPro® 6600 Series

- **Uninterrupted, cost-effective communications for remote sites**
  - Rugged compact design optimizes space
  - Local web-based management and administration
  - Fully configurable router and firewall

PART NUMBER*	PRODUCT LINE	SERIAL	ETHERNET	CELLULAR	DESCRIPTION
SN-6600-(Carrier Code)	IndustrialPro	1	1	3G / CDMA	EVDO REV A cellular router with 4 pin Molex connector cable
SN-6600-(Carrier Code)-AC	IndustrialPro	1	1	3G / CDMA	EVDO REV A cellular router with AC adaptor
SN-6600-(Carrier Code)-MX	IndustrialPro	1	1	3G / CDMA	EVDO REV A cellular router with AC adaptor with 4 pin Molex end connector
SN-6601-(Carrier Code)	IndustrialPro	1	1	3G / CDMA	EVDO REV A cellular router
SN-6601-(Carrier Code)-AC	IndustrialPro	1	1	3G / CDMA	EVDO REV A cellular router with AC adaptor
SN-6601EB-(Carrier Code)	IndustrialPro	1	1	3G / CDMA	EVDO REV A cellular router with Power over Ethernet (PoE)
SN-6621-(Carrier Code)	IndustrialPro	1	5	3G / CDMA	EVDO REV A cellular router
SN-6621-(Carrier Code)-AC	IndustrialPro	1	5	3G / CDMA	EVDO REV A cellular router with AC adaptor

***Carrier Codes: (SP) Sprint; (VZ) Verizon**

M2M Cellular Connectivity IndustrialPro 6700

PART NUMBER*	PRODUCT LINE	SERIAL	ETHERNET	CELLULAR	DESCRIPTION
SN-6700-(Carrier Code)	IndustrialPro	1	1	4G LTE	4G LTE cellular router with 4 pin Molex connector cable
SN-6700-(Carrier Code)-AC	IndustrialPro	1	1	4G LTE	4G LTE cellular router with AC adaptor
SN-6700-(Carrier Code)-MX	IndustrialPro	1	1	4G LTE	4G LTE cellular router with AC adaptor with 4 pin Molex end connector
SN-6701-(Carrier Code)	IndustrialPro	1	1	4G LTE	4G LTE cellular router
SN-6701EB-(Carrier Code)	IndustrialPro	1	1	4G LTE	4G LTE cellular router with Power over Ethernet (PoE)
SN-6721-(Carrier Code)	IndustrialPro	1	5	4G LTE	4G LTE cellular router
SN-6721-(Carrier Code)-AC	IndustrialPro	1	5	4G LTE	4G LTE cellular router with AC adaptor

***Carrier Codes: (AT) AT&T; (BM) Bell Mobility; (VZ) Verizon; upcoming support from other 4G LTE carriers**

M2M Cellular Connectivity IndustrialPro 6800

PART NUMBER*	PRODUCT LINE	SERIAL	ETHERNET	CELLULAR	DESCRIPTION
SN-6800-(Carrier Code)	IndustrialPro	1	1	3G / GSM	HSPA cellular router with 4 pin Molex connector cable
SN-6800-(Carrier Code)-AC	IndustrialPro	1	1	3G / GSM	HSPA cellular router with AC adaptor
SN-6800-(Carrier Code)-MX	IndustrialPro	1	1	3G / GSM	HSPA cellular router, AC adaptor with 4 pin Molex end connector
SN-6801-(Carrier Code)	IndustrialPro	1	1	3G / GSM	HSPA cellular router
SN-6801EB-(Carrier Code)	IndustrialPro	1	1	3G / GSM	HSPA cellular router with Power over Ethernet (PoE)
SN-6821-(Carrier Code)	IndustrialPro	1	5	3G / GSM	HSPA cellular router
SN-6821-(Carrier Code)-AC	IndustrialPro	1	5	3G / GSM	HSPA cellular router with AC adaptor

***Carrier Codes: (AT) AT&T; (BM) Bell Mobility; (TE) TELUS; (GE) Rogers and other HSPA carriers, T-Mobile (2G only)**

SixView Manager

Powerful Remote Device Management

With SixView Manager's enterprise-class device management features, users have access to:

Remote Administration

- Mass configuration changes and updates
- Remote executable (i.e., reboot)

Remote Monitoring & Reporting of Key Metrics

- Uptime
- Utilization
- Signal strength (RSSI)
- Firmware version, ESN, MDN, IMEI
- IP Address

Sixnet Cellular RTUs

Red Lion's Sixnet RAM 6000 industrial cellular RTUs provide a flexible platform to remotely connect, monitor and control assets across industries including utilities, oil, gas and water/wastewater. By seamlessly connecting to existing Modbus-enabled RTUs, PLCs and other remote equipment, our industrial cellular RTUs provide instant access to data from pumps, valves, reclosers, transformer capacitor banks and meters.

Cellular Automation RAM® 6000 Series

- **Secure, reliable Modbus communication for remote sites**
  - Real-time access to data through built-in DNP3/Modbus gateway
  - Software Development Kit (SDK) supports custom applications
  - Secure DNP3/Modbus polling saves time and resources
  - Integrated security firewall provides intrusion protection
  - Simplified deployment and configuration with single web-based GUI
  - Support for new and legacy devices with RS232 serial or RJ45 Ethernet
  - Rugged, reliable design supports the toughest applications

PART NUMBER*	PRODUCT LINE	SERIAL	ETHERNET	CELLULAR	DESCRIPTION
RAM-6600-(Carrier Code)	RAM	1	1	3G / CDMA	EVDO REV A cellular RTU with 4 pin Molex cable
RAM-6600-(Carrier Code)-AC	RAM	1	1	3G / CDMA	EVDO REV A cellular RTU router with AC adaptor
RAM-6600-(Carrier Code)-MX	RAM	1	1	3G / CDMA	EVDO REV A cellular RTU with AC adaptor with 4 pin Molex end connector
RAM-6601-(Carrier Code)	RAM	1	1	3G / CDMA	EVDO REV A cellular RTU
RAM-6601EB-(Carrier Code)	RAM	1	1	3G / CDMA	EVDO REV A cellular RTU with Power over Ethernet (PoE)
RAM-6621-(Carrier Code)	RAM	1	5	3G / CDMA	EVDO REV A cellular RTU
RAM-6621-(Carrier Code)-AC	RAM	1	5	3G / CDMA	EVDO REV A cellular RTU with AC adaptor

***Carrier Codes: (SP) Sprint; (VZ) Verizon**

Cellular Automation RAM 6700

PART NUMBER*	PRODUCT LINE	SERIAL	ETHERNET	CELLULAR	DESCRIPTION
RAM-6700-(Carrier Code)	RAM	1	1	4G LTE	4G LTE cellular router with 4 pin Molex connector cable
RAM-6700-(Carrier Code)-AC	RAM	1	1	4G LTE	4G LTE cellular router, AC adaptor
RAM-6700-(Carrier Code)-MX	RAM	1	1	4G LTE	4G LTE cellular router with AC adaptor with 4 pin Molex end connector
RAM-6701-(Carrier Code)	RAM	1	1	4G LTE	4G LTE cellular router
RAM-6701EB-(Carrier Code)	RAM	1	1	4G LTE	4G LTE cellular router with Power over Ethernet (PoE)
RAM-6721-(Carrier Code)	RAM	1	5	4G LTE	4G LTE cellular router
RAM-6721-(Carrier Code)-AC	RAM	1	5	4G LTE	4G LTE cellular router, AC adaptor

***Carrier Codes: (AT) AT&T; (BM) Bell Mobility; (VZ) Verizon; upcoming support from other 4G LTE carriers**

Cellular Automation RAM 6800

PART NUMBER*	PRODUCT LINE	SERIAL	ETHERNET	CELLULAR	DESCRIPTION
RAM-6800-(Carrier Code)	RAM	1	1	3G / GSM	HSPA cellular router with 4 pin Molex connector cable
RAM-6800-(Carrier Code)-AC	RAM	1	1	3G / GSM	HSPA cellular router with AC adaptor
RAM-6800-(Carrier Code)-MX	RAM	1	1	3G / GSM	HSPA cellular router with AC adaptor with 4 pin Molex end connector
RAM-6801-(Carrier Code)	RAM	1	1	3G / GSM	HSPA cellular router with AC adaptor with 4 pin Molex end connector
RAM-6801EB-(Carrier Code)	RAM	1	1	3G / GSM	HSPA cellular router with Power over Ethernet (PoE)
RAM-6821-(Carrier Code)	RAM	1	5	3G / GSM	HSPA cellular router
RAM-6821-(Carrier Code)-AC	RAM	1	5	3G / GSM	HSPA cellular router with AC adaptor

***Carrier Codes: (AT) AT&T; (BM) Bell Mobility; (TE) TELUS; (GE) Rogers and other HSPA carriers, T-mobile (2G only)**

SixView Manager

Powerful Remote Device Management

With SixView Manager's enterprise-class device management features, users have access to:

Remote Administration

- Mass configuration changes and updates
- Remote executable (i.e., reboot)

Remote Monitoring & Reporting of Key Metrics

- Uptime
- Utilization
- Signal strength (RSSI)
- Firmware version, ESN, MDN, IMEI
- IP Address

Sixnet Management Software

SixView Manager is flexible remote management software designed to increase productivity and reduce cost for organizations using Red Lion's Sixnet cellular routers. With a web-based console and customized dashboard, users are able to remotely access, configure and manage critical device information for several, even thousands, of IndustrialPro and EnterprisePro cellular routers from a central location.

Enterprise-Class Device Management & Monitoring

SixView® Manager Web-Based Device Management Software

- **Remote device management and administration**
  Helps reduce deployment cost
  - Mass configuration changes and updates
  - Remote reboot
- **Mass configuration and auto provisioning tools**
  Improves security and enables efficient, consistent updates
  - Firmware updates
  - VPN configuration
  - Firewall policy enforcement
- **Remote monitoring and reporting of key metrics**
  Provides visibility and control to speed troubleshooting
  - Uptime
  - Utilization
  - Signal strength (RSSI)
  - Firmware version
  - ESN, MDN or IMEI
  - IP address

PART NUMBER	PRODUCT LINE	DESCRIPTION
SN-SVM-25	SixView Manager	25 device licenses
SN-SVM-UL	SixView Manager	Unlimited device licenses

Note: SixView Manager is compatible with IndustrialPro, RAM and EnterprisePro routers

Mobile Cellular Connectivity MobilityPro® BT 5000 Series

- **Scalable, cost-effective connectivity solutions for mobile applications**
  - High-speed 3G HSPA technology provides "always-on" connectivity
  - High-sensitivity GPS coupled with advanced event reporting enables enhanced tracking applications
  - Remote device management reduces on-site visits
  - Software Development Kit (SDK) supports custom applications
  - Optional USB host or Wi-Fi features

PART NUMBER*	PRODUCT LINE	SERIAL	ETHERNET	CELLULAR	DESCRIPTION
BT-5600V2-(Carrier Code)	MobilityPro	1	1	3G / CDMA	EVDO REV A programmable modem with GPS
BT-5600V2-(Carrier Code)-U	MobilityPro	1	1	3G / CDMA	EVDO REV A programmable modem with GPS and USB host
BT-5630V2-(Carrier Code)	MobilityPro	1	1	3G / CDMA	EVDO REV A programmable modem with GPS and Wi-FI
***Carrier Codes: (BM) Bell Mobility; (MT) MTS; (ST) SaskTel; (SP) Sprint; (TE) Telus; (VZ) Verizon**					
BT-5800V2-(Carrier Code)	MobilityPro	1	1	3G / GSM	HSPA programmable modem with GPS
BT-5800V2-(Carrier Code)-U	MobilityPro	1	1	3G / GSM	HSPA programmable modem with GPS and USB host
BT-5830V2-(Carrier Code)	MobilityPro	1	1	3G / GSM	HSPA programmable modem with GPS and Wi-Fi

***Carrier Codes: (AT) AT&T; (BM) Bell Mobility; (MT) MTS; (ST) SaskTel; (TE) Telus; (GE) Rogers**

Note: MobilityPro modems are not compatible with SixView Manager

Red Lion's Sixnet Cellular M2M products are part of a comprehensive portfolio of industrial automation and networking solutions to connect. monitor. control. Visit www.redlion.net/together to learn more.

INDUSTRIAL AUTOMATION

Process Control
- PID Controllers
- Data Acquisition
- RTUs & I/O Modules
- Signal Conditioners
- Sensors

HMIs & Panel Meters
- HMI Operator Panels
- Panel Meters
- Large LED Displays
- Industrial TV Displays

INDUSTRIAL NETWORKING

Ethernet Switches
- Unmanaged
- Monitored
- Managed
- PoE
- Routers
- Wi-Fi Radios

Cellular M2M
- Cellular Routers
- Cellular RTUs

Communication Converters
- Protocol Converters
- Media Converters
- Serial Converters