

Featured Product

CPI's Remote Infrastructure Management (RIM) System

CPI's Remote Infrastructure Management (RIM) System consists of a full line of appliances and sensors to provide continuous environmental, power and security monitoring in your data centers and equipment rooms. The RIM System allows for interconnectivity with building management systems and provides an integrated view of all facility equipment using a simple web interface.

Three models are available:

- The **RIM-750** is perfect for monitoring a single cabinet or small equipment room.
- The **RIM-1000** allows you to monitor a row of high-density cabinets in data centers or small computer room. In addition to monitoring external sensors, RIM-1000 can also monitor Modbus data from facilities equipment. Use multiple RIM-1000 appliances to monitor multiple sites from a single web-based interface.
- The **RIM Protocol Converter** lets you integrate facilities equipment with your building management system (BMS) or a network management system (NMS) by converting between SNMP, BACnet and Modbus protocols. It does not monitor external analog or digital sensors like the RIM-1000 and RIM-750.

RIM-1000:

Stores data internally, no need for additional equipment or software to access data.



RIM-750:

Remote monitoring of sensors in equipment room, simple installation and set up.



Protocol Converter:

Communicates with building management systems, connects up to 32 devices.



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Compare key features of CPI's RIM models in the table below.



| Feature | RIM-750 | RIM-1000 | RIM Protocol Converter |
|--|--|--|--|
| Recommended application | Monitor a single cabinet or a small telecommunications room. | Monitor a row of cabinets in a data center or computer room. | Integrate legacy facility equipment into a building or network management system. |
| Provides one integrated view of all facility equipment | No | Links to 32 RIM-1000s and 10 other webpages. | No |
| Remote monitoring of external sensors | 4 Temperature/Humidity Sensors 8 Digital NO Inputs 1 Leak Detection Zone | 8 Configurable Inputs (Analog 4-20 mA or Digital NO/NC) | No |
| Includes relay output(s) | 1 Dry Contact | 2 Dry Contacts | No |
| Expansion cards for additional sensors/relays | No | 1U unit supports 1 Card 2U unit supports 4 Cards Card A: 12 Configurable Inputs (Analog 4-20 mA or Digital NO) and 8 Relay Outputs Card C: 24 Digital NO/NC Inputs Up to 48 Configurable Inputs/32 Outputs or 96 NO/NC Inputs | No |
| Remote monitoring of devices using Modbus data | No | 32 Devices 1000 Inputs (Modbus, SNMP or BACnet/IP) | 32 Devices 1024 Inputs (Modbus TCP/IP, Modbus RTU, SNMP integer, BACnet/IP) |
| Integrated logging and trending with download | Alarms, Trending of Temperature/Humidity Sensors | Alarms, Events, Web User Access, Digital Status, Trending and Extended Trending of Analog Inputs | No |
| Stores data internally, no external hardware/software | Yes | Yes | No |
| Web-based interface for setup and monitoring | Yes | Yes | Yes |
| Mobile-friendly interface | Yes | No | No |
| Monitors user-set alarm thresholds | Yes | Yes | No |
| Sends alarm notifications for events | Light, Sound, Email, SNMP Trap | Email, SNMP Trap, SMS | Email, only when a device stops communicating |
| Integrates with other facility management systems | SNMP, Modbus TCP/IP Output | Modbus, BACnet, SNMP Output | BACnet/IP, Modbus TCP/IP, Modbus SNMP output |
| Unit Dimensions | 1.00"H x 5.63"W x 2.63"D (25 mm x 143 mm x 67 mm) | 1U: 1.80"H x 16.8"W x 7.90"D (46 mm x 427 mm x 201 mm) 2U: 3.50"H x 16.8"W x 7.90"D (89 mm x 427 mm x 201 mm) | 1.80"H x 9.80"W x 5.3"D (46 mm x 248 mm x 135 mm) |

Please visit our website at www.chatsworth.com/infrastructure-management for detailed technical specifications, or contact CPI Technical Support at 800-834-4969 for configuration assistance.

