

Rack mount Monitoring system

The MSR03 is an Environment Monitoring System monitors critical environmental conditions, such as temperature, humidity, liquid water presence, power, and smoke. When a sensor goes out of range of a configurable threshold, the system will notify you via email, LEDs, alarm beacon, siren, web page, network management (SNMP), voice phone calls, and SMS messages (via internal GSM modem)
The system includes internal AV voltage sensor and plug and play temperature, humidity sensor. It also supports 16 external configurable Modbus-RTU sensors, six digital input sensors, and four output relays for control of external devices.

Battery Based | TCP/IP Protocol Support | MQTT Protocol Support | SNMP Protocol Support v1, v2, v3
Modbus Ready | Wireless WiFi Ready | GSM Ready | Rack mount

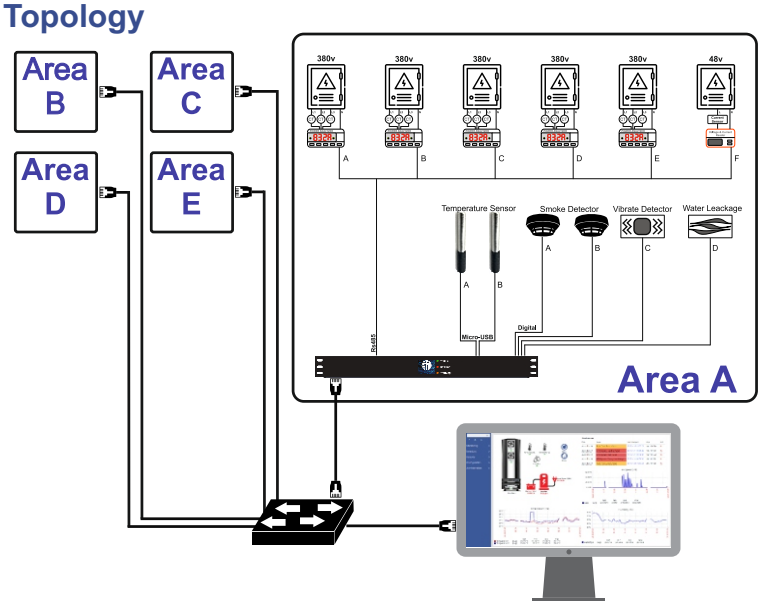
Features

- Compatible with various NMS, including Solarwinds, PRTG, Nagios and MRTG and fully zabbix friendly with pre-installed zabbix client.
- Support SNMP v1, v2c, v3 and downloadable MIB file form device web application.
- Supports Modbus-RTU sensors which can be extended up to 1000 meter using Cat5 cable.
- Supports SNMP sensors, from other devices to collect and log.
- Sensor conditions can be configured to alerts by themselves, and/or be used in combination with other events to trigger Alerts.
- Internal battery backup – alerts are sent when there is a power outage and when power returns.
- Available with optional 48VDC or 24VDC power
- Web based intuitive graphical user interface provides an easy, unified interface for both monitoring and configuring.
- Multi-language support
- Linux inside.

Specifications

Main Processor: MIPS24KEc (580 MHZ).
RAM: 128MB @ 193 MHZ DDR2.
Memory: 32MB + 4GB for data logger.
Internal GSM Modem: 850, 900, 1800, 1900
Display:1.8 inch Color TFT LCD
Internal battery: 2400mAh.
1x Rj45 Ethernet 10 / 100 Mbit
2x temperature Sensor
1x temperature/humidity Sensor
1x 8pin to Connect 6x Digital Input
1x 4pin for fan tachometer
1x [DC 48v]/[AC 220v] Power Socket
3x 3pin for alarm relays.
4x 3pin control relay.
1x Rj45 Modbus-RTU.
Operating condition: -20° to +60°/ 5% to 95%.

Topology



Ideh Bekr Mobin Company
Address: Floor1, No.163, Shahrara Avenue Tehran, Iran.
Postal Code: 1445673341
Tel: +98-21-88281228
www.ibm.co.ir