BMS-WiNG

Wireless Facility Monitoring For System Integration

Monitor. Integrate. Alert. Peace of Mind.

Applications

Pair with RLE's WiNG sensors to monitor a variety of conditions including temperature, humidity, dew point, and differential pressure, and integrate these sensor readings directly into a BMS or BAS.

Key Features

- No user interface or separate software required - integrates directly with existing BMS and alarm monitoring systems
- Enclosure mounts in a panel, on a DIN rail, or on a wall
- All the advantages found in our WiNG wireless sensors, including:
  - Up to 12 year battery life
  - Transmission range up to 600' line of sight
  - Packet transmission accuracy that exceeds 98%
- Support up to 50 WiNG sensors

Integrated Wireless Monitoring

The BMS-WiNG leverages RLE's WiNG wireless sensor technology and allows it to integrate via protocols into any building management system (BMS) or alarm monitoring system.

What Sets The BMS-WiNG Apart?

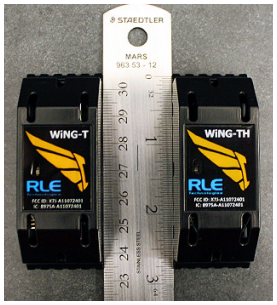
- **Designed specifically for system integration,** the BMS-WiNG leverages robust protocol communications to communicate with any Modbus RTU or BACnet MS/TP system.
- **A suite of sensors with an industry-leading 12 year battery life** allow users to monitor conditions including temperature, humidity, dew point, & liquid leaks.
- **Notifies users quickly when an alarm condition is met.**
- **Available in 900MHz and 868MHz configurations** for domestic U.S. and international installations.

Raptor

BMS-WiNG · Integrates with any alarm monitoring system, including RLE's FMS

Product Codes	
BMS-WiNG	900MHz wireless monitoring for Modbus RTU and BACnet MS/TP integration applications; hardwired 24VDC or optional PSWA-DC-24-ST
BMS-WiNG-868	868MHz wireless monitoring for Modbus RTU and BACnet MS/TP integration applications; hardwired 24VDC or optional PSWA-DC-24-ST
PSWA-DC-24-ST	Power adapter; isolated100-240VAC to 24VDC, 50/60Hz, w/ stripped and tinned ends, includes type A blade

Related Items:



WiNG-T & WiNG-TH

WiNG-LD

WiNG-DI & WiNG-DI-868

Technical Specifications	
Power	Hardwired 24VDC, 500mA or RLE power supply PSWA-DC-24-ST (optional; not included)
Included Equipment	BMS-WiNG, antennas, DIN rail mount adapter, USB mini B to USB A cable
Required Accessories	WiNG sensors
Maximum Number of WiNG sensors per BMS-WiNG	50 sensors
Communications EIA-232 EIA-485	Available in 868MHz or 900MHz configurations USB Connector; 115200 Baud, 8 data bits, no parity, 1 stop bit 9600, 19200, 38400 or 76800 baud (selectable); Parity: None, 8 data bits 1 stop bit
Protocols Modbus RTU (EIA-485) BACnet MS/TP (EIA-485)	Server RTU mode, supports function code 03
External Interface Push Button LED Indicators DIP Switches	 Sensor auto-discovery, sensor removal, and factory reset Power/Status - 1 tricolor SW 1 - Device configuration; SW 2 - Modbus/BACnet device ID
Operating Environment Temperature Humidity	 32°F to 122°F (0°C to 50°C) 5% to 95% RH, non-condensing
Dimensions	5.25"W x 6.0"H x 1.75"D (133mmW x 152mmH x 44.5mmD)
Weight	8.0 oz. (228g)
Mounting	Wall mount (keyhole, zip tie, or screw holes); DIN rail mount
Certifications	CE; ETL listed: conforms to UL 61010-1, IEC 61010; EN 60601-1; CSA C22.2 NO. 61010-1; IEC 55011; CISPR16; RoHS compliant.