



WiNG-MGR v2-NR

Wireless Network Manager
version 2 - No Radio

Monitor. Integrate. Alert. Peace of Mind.

Applications

Fine tune your environment to:

- Monitor a facility for changes in environmental conditions
- Meet energy efficiency goals
- Maintain optimal equipment performance parameters
- Anticipate equipment failures and prevent downtime

Key Features

- Leverage your existing Wi-Fi network
- Sensors designed with security mind:
 - Only allow one-way communications
 - Support WPA/WPA2-PSK encryption
 - Encrypted data storage for network and configuration information
- Supports up to 400 Wi-Fi sensors on a single manager
- Integrated mapping lets you visualize data and quickly identify sensor locations
- NO licensing or hosting fees – you own all of your data.
- Supports HTTPS and secure email services



Responsive Wireless Monitoring via Your Wi-Fi Network

The WiNG-MGR v2-NR allows you to leverage your existing Wi-Fi network to monitor environmental conditions in your facility. RLE's budget friendly, feature rich products are the new standard for wireless monitoring.

What Sets RLE's WiNG-MGR v2-NR Apart?

- **A suite of sensors allow users to monitor conditions** including temperature, humidity, dew point, & liquid leaks.
- **Wireless sensor technology.** No wires for power; no wires for data transmission.
- **Industry-leading battery life.** Sensor batteries last up to seven years with transmission every five minutes.
- **Web interface delivers direct alarm, integrated mapping, & email notification** so you can quickly locate issues.
- **Open protocols streamline communication & integrate** into larger BMS systems via SNMP, Modbus, or BACnet.



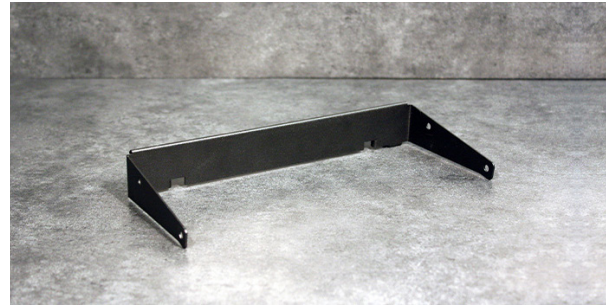
WiNG-MGR v2-NR • Compatible with RLE Wi-Fi sensors

Product Codes	
WiNG-MGR v2-NR	WiNG Manager v2 - No Radio; includes rack mount bracket and PSWA-DC-24-KIT, type A, C, G & I blades
WMB	Wall mount brackets; qty 2; for use with WiNG-MGR
WiNG-MGR DRM	WiNG-MGR DIN rail mount bracket; fits 35mm DIN rail

Related Items:



WIFI-CO2



WiNG-MGR DRM

Technical Specifications	
Power	24VAC @ 600mA max, 50/60Hz, 24VDC @ 600mA max
Included Equipment	WiNG-MGR v2-NR, PSWA-DC-24 power supply, rack mount tabs
Wired Relay Outputs	Two (2) Dry Contact, Form C, 1A @ 24VDC resistive, 0.5A @ 120VAC
Maximum Number of Wireless Sensors Per Manager	Supports up to 400 Wi-Fi sensors on a single manager
Communications	
Ethernet	10/100 BASE-T, RJ45 connector; 500VAC RMS isolation
EIA-485	9600, 19200, or 38400 baud; no parity; 8 data bits; 1 stop bit
USB	Serial port emulation for diagnostics; 115200 baud; no parity; 8 data bits; 1 stop bit
Protocols	
TCP/IP, HTML, SNMP	IPv4, IPv6; HTTP/HTTPS (TLS1.2); V1, V2C, V3
Modbus (EIA-485)	Modbus Server
Modbus TCP/IP	Modbus Server; TCP/IP transmission protocol
BACnet/IP	ASHRAE STD 135-2004 Annex J
BACnet/MSTP	EIA-485
Login Security	Web browser access (Ethernet); 4 users and passwords can be configured
Data Trending	
Temperature/Humidity	Records temperature and humidity data at 5 minute intervals; daily records; retains 30 days of information
Operating Environment	
Temperature	32°F to 140°F (0°C to 60°C)
Humidity	5% to 95% RH (Non-condensing)
Altitude	15,000ft (4572m) max.; 9,842ft (3000m) max. if applying more than 150V, 50/60Hz to relays from overvoltage category II circuit
Storage Temperature	-4°F to 185°F (-20°C to 85°C)
Mounting	Desktop, rack mount (tabs included)
Dimensions and Weight	9.7"W x 4.8"D x 1.8"H (24.6cmW x 12.2cmD x 4.6cmH), 2.7lb (1.23kg)
Certifications	ETL listed; CE; conforms to UL 61010-1, EN 61010, EN 61000-3-2, EN61000-3-3; ETSI EN 301 489-1, ETSI EN 301 489-3; IEC 61326-1; certified to CSA C22.2 #61010; MCQ-XB900HP, and 47CFR 15B; IC 8975A-A11072401, 1846A-XB900HP, and ICES-003; RoHS compliant, WPC ETA

