

Environment Monitoring

Data center equipment is vulnerable to subtle changes in the atmosphere that may happen suddenly and are undetectable by the naked eye.

Parameter delivers real-time visibility into critical aspects of your infrastructure to ensure continual nominal operation. We provide a unified system of comprehensive sensing equipment that integrates with your native BMS and alerts to failures before servers go down.

PARAMETER'S SOLUTIONS



Wireless Range

Up to 1,600 feet of wireless range for full facility coverage.



Accuracy

Reliable environment sensors with an accuracy of $\pm 0.2^{\circ}\text{C}$ / $\pm 2\%\text{RH}$.



Battery Life

Up to 12 years of battery life with regular use.



No Subscription Fees

Integrated Web Control comes at no extra cost and no recurring fees.



Security

Data is stored locally to minimize security risks on web-based products.



Plug & Play

Our products are ready out of the box with no software set up required.



Easy Discovery

WiNG-MGR and Range Extender automatically connect to sensors for quick and easy discovery.



BMS Integration

Universal BMS integration systems can natively interface with any operating protocols.

SENSORS

- Temp and Humidity
- CO2
- Leak Detection
- Digital Input
- Analog Input
- Air Velocity
- Air Pressure
- Motion and Doors
- Smoke
- Power Fail

TRANSMISSIONS

Wired

Wired communication connects sensors directly to controller units.

Wireless

Wireless signal broadcasting for full site coverage without cable management.

Wi-Fi

Network-based signal broadcasting for local and open networks.

ENVIRONMENT MONITORING

01 Powered by RLE Leak Detection SENSORS

Temp and Humidity

The WIRED-TH is a wall-mountable wired temperature and humidity that can be used in conjunction with the FMS to monitor and display information. The WIRED-TH-EU, WIRED-TH-D, and WIRED-TH-D-EU offer the same functionality with a different footprint and the WIRED-TH-O provides outdoor monitoring.

CO2

The WiNG-CO2 wirelessly measures carbon dioxide, temperature, and humidity and can detect impeded airflow, stalled fans, leaks, blockages, or clogged filters.

Leak Detection

The WiNG-LD wireless sensor can be coupled with an SD-Z or SD-Z1 spot detector or any of our leak detection sensing cables to detect and report leaks in any facility.

Air Pressure

The WiNG-DAP wirelessly monitors air pressure to help you better understand how air flows around your environment and validate infrastructure and airflow changes.

Digital Input

The WiNG-DI sensor allows you to take a wired digital input and convert it to a wireless signal that can be implemented into a WiNG-MGR or BMS-WiNG monitoring system.

Analog Input

The WiNG-ANLG sensor allows you to take a wired analog input and convert it into a wireless signal that can be implemented into a WiNG-MGR monitoring system.

Air Velocity

Parameter offers three WiNG air velocity sensors: the economical WiNG-AIR3, the high-precision WiNG-AIR4, and wide-ranged BMS-AIR10.

Motion and Doors

The MD3 is a wired motion sensor while the MDS is a wired magnetic door sensor. Both can be used in conjunction with FMS, F200, or WiNG-MGR.

Smoke

The SMK is a wired photoelectric smoke detector that can be used in conjunction with the FMS, F200, or WiNG-MGR to monitor for smoke.

Power Fail

The power fail monitor (PFM) monitors any standard outlet and provides early warning that power has been lost.

02 Powered by RLE Leak Detection TRANSMISSIONS

WIRED

F200: Zone leak detection and facility monitoring in one plug-and-play package

The LD5200 pairs superior leak detection technology with an easy-to-use interface. This integration helps users efficiently establish a distance-read leak detection system that monitors up to 10,000 feet of sensing cable.

FMS: Stand-alone, web-enabled monitoring and notification for critical facilities

Parameter's Facilities Monitoring System (FMS) is a monitoring system for sensitive facilities, critical equipment status and temperature, and environmental sensors. The FMS aggregates information and displays it on a web interface.

1Wire-BMS: Integrate 8 temperature and humidity sensors into a BMS

The 1Wire-BMS provides true plug-and-play temperature and humidity monitoring that integrates directly via protocols to any building management system or alarm monitoring system.

WIRELESS

WiNG-MGR v2: Wireless monitoring with unprecedented sensor range, battery life, and mapping

The WiNG-MGR v2 aggregates signals from WiNG sensors. It features DeltaView mapping, HTTPS and TLS support, calibration adjustment for both temperature and humidity values, and enhanced logging at five-minute intervals.

BMS-WiNG: Integrates WiNG wireless sensors into a BMS

The BMS-WiNG leverages WiNG wireless sensor technology and allows it to integrate via protocols into any BMS or alarm monitoring system.

WiNG-RXT: Extra boost for WiNG signals

The WiNG range extender is designed to provide extra signal strength for the WiNG system to thrive in more complex physical or noisy RF environments.

WI-FI

Wifi-TH: Wi-fi temperature and humidity sensor

Whether you're using a WiNG-MGR or a BMS system, the Wifi-TH allows you to leverage your existing Wi-Fi network to monitor temperature and humidity conditions in your facility.

Wifi-CO2: Wi-fi CO2, temperature, and humidity sensor/facilities

The Wifi-CO2 is a single wireless device that measures carbon dioxide, temperature, and humidity.

WIFI-LD: Wi-fi leak detection

The WIFI-LD continuously monitors your facility, checking for leaks, ensuring cable continuity once every minute, and sending a packet immediately after detecting an alarm condition. Our Wi-Fi sensors are compact and unobtrusive yet provide an industry-leading battery life of up to 5 years.