

Introducing

CORIS®

MULTI-SENSOR MODULE

MANY SENSORS, ONE BOX



Web-Based Sensor Monitoring, Logging, and Reporting

Preventing losses due to temperature fluctuations is more important than ever in commercial, industrial, educational, and governmental facilities. The CORIS Multi-Sensor Module (MSM) is an indispensable tool for saving money by reducing spoilage and monitoring system health. Whether you are storing valuable food or medical supplies, knowing that the temperature has gone above or below your pre-defined safe storage limits allows you or your staff to take immediate action. A “door open” sensor alert can explain rising temperatures in freezers or refrigerators. Similarly, being alerted that water has been detected in a basement or pump room gives you time to prevent extensive—and expensive—water damage. In all cases, knowledge of remote facility status prevents small problems from becoming large problems. The MSM can also be used as a temperature source for CORIS’ Internet-Controlled Thermostat (ICT) to improve HVAC efficiency and comfort.

HOW IT WORKS

Simply plug in the power adapter and the desired sensors. The MSM automatically connects wirelessly to CORIS’ Gateway Module. The MSM continuously monitors the attached sensors and reports their values to CORIS’ Secure Servers.

CORIS Gateway Module

Connect the Gateway Module via Ethernet cable to a router, and it automatically connects to CORIS’ Servers on the Internet. One Gateway can communicate with as many as 40 CORIS devices.

CORIS Secure Servers

The Servers deliver real-time and logged sensor information to you anytime, anywhere.

Real-Time Monitoring and Alerts

Any Internet-enabled computer or mobile device can be used to view current or historic sensor readings. Alerts via email or text message are automatically sent if readings deviate from user-defined settings.

EASY-TO-INSTALL

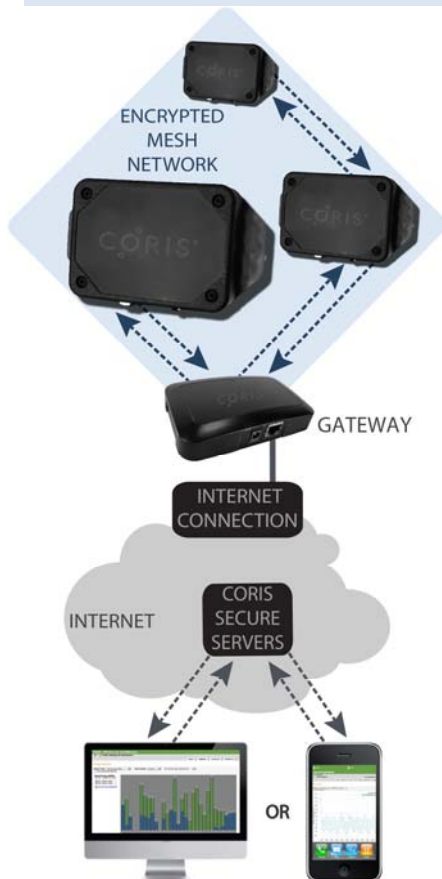
- Audio jack connectors allow for easy wire extension
- Automatic wireless configuration—no setup required
- Multiple sensors per MSM

SIMPLE-TO-USE

- Web access to current and historical sensor readings (temperature, water detection, door openings, etc.)
- Data can be viewed as graphs or exported for further analysis
- CORIS Thermostats can be controlled by the temperatures measured by MSM sensors
- Automatic alerts allow you to “forget about it” until it needs your attention

PEACE-OF-MIND

- Prevents loss of valuable inventory
- Helps avoid business or service interruption
- Provides precise logging of current and historical sensor data



ENDLESS POSSIBILITIES...HERE ARE A FEW

Opportunity | The dining area of a quick-serve restaurant is often uncomfortably hot or cold because the thermostat is installed on a distant wall.

Solution | A CORIS MSM is installed with a temperature sensor in the middle of the dining area. The thermostat and HVAC system then respond to the actual climate in the room, and customer comfort is achieved with minimal expense and effort.

Opportunity | A convenience store owner is plagued by regular refrigerator and freezer failures when the store is unattended. Inventory replacement costs are very high, and insurance claims are frequent.

Solution | CORIS MSMs can transmit email and text message alerts if refrigerator or freezer temperatures rise above pre-established limits. Replacement costs and insurance claims are dramatically reduced.

Opportunity | A sports facility operator wants to reduce the electricity used by the many portable beverage display coolers in its concession stands.

Solution | By installing CORIS MSMs and CORIS Outlet Modules, the operator may cool beverages to the appropriate temperature for serving at event times while storing them at higher temperatures during non-event times, thereby reducing electrical expense.

A restaurant owner could save thousands of dollars in inventory replacement costs by installing CORIS Multi-Sensor Modules in his walk-in refrigerator and freezer units.

IDEAL USES

- Restaurants
- Schools
- Colleges/Universities
- Hotels
- Country Clubs
- Sports Arenas
- Convenience Stores
- Hospitals
- YMCAs

Patented technology.
All CORIS technology is
manufactured in the U.S.A.



MORE FEATURES, MORE SAVINGS

CORIS MSMs monitor temperatures and open doors in walk-in refrigerators and freezers and sensor conditions in basements. MSMs may be accessed from any web browser (PC, tablet, smart phone, etc.). The web-based user interface provides:

Sensors are sampled and logged every minute

24/7 instant warning alerts via email or text message

Temperature performance tracking for analysis and correction as needed

Storage of temperature history for Health Department records or insurance claims

Operation as low as -60°F

Can detect and communicate presence of water (e.g. alerts if hot water heater is leaking)

Supports contact monitoring sensors (e.g. alerts if a freezer door is left open)

Single web page summary with easy drill-down capabilities

Each MSM supports up to 4 temperature sensors, 2 water sensors, or 4 contact sensors

Monitor and compare supply and return air duct temperatures for HVAC optimization

CORIS®

The CORIS Multi-Sensor Module is an important component in
CORIS' Energy Control System of money- and energy-saving products.
To find out more, please visit our website or contact us directly:

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