

WREN

Wireless Sensors

Best-in-Class Security and Range



Available Sensors

Temperature	Humidity
Water Rope	Water
Thermocouple	Motion
CO & CO2	Door Closure
Current Meter	Voltage
Light	Air Velocity
Pressure & Differential Pressure	Pulse Counters

WREN Ethernet Gateway Specifications

Ethernet

Ethernet Types

Standard, POE

Protocols Supported

UDP, DHCP, TCP, SNMP, MODBUS

Device Memory

16,000 sensor messages (Sensor messages will be stored in the event of Internet outage and transferred when connection is restored)

Environmental

Operating Temperature

-10 to +70 °C (14 to 158 °F)

Storage Temperature

-20 to +85 °C (-4 to 185 °F)

Wireless

Wireless Range

1,000+ ft. non-line-of-sight

Security

Encrypt-RF™ (256-bit key exchange and AES-128 CTR)

Certifications



900 MHz product;

FCC ID: ZTL-G2SC1 and IC: 9794A-G2SC1

Top-Tier Wireless Range

The largest obstacle in effective wireless monitoring is the range. Historically, there has been a large gap between promise and performance. Quest Wireless IoT sensors offer an incomparable 1000'+ non-line-of-sight connectivity, even in the most RF hostile environments.

Long Life

Powered by two AA batteries, Quest Wireless IoT sensors are rated to last ten years. With the battery status conveyed with every monitoring cycle, you can remain confident that the sensor will always be available.

256-bit Encryption Security

All transmissions between the sensors and the gateway are encrypted to ensure the highest level of security.

Open Protocol

A number of open-protocol options are available, including Modbus RTU, Modbus TCP and SNMP.

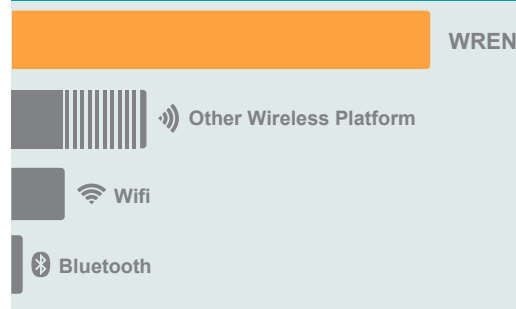
Flexible Connection Options

Connection up to the server is available via Cellular LTE, 3G, Edge, and over Ethernet.

Works with OspreyFMS & OspreyDCM

Each sensor has the flexibility to directly connect or connect through the Quest TELSEC® into OspreyFMS® and OspreyDCM™ for trending, management and multi-site analysis.

Wireless Range Comparison



Quest Controls

208 9th Street Drive West, Palmetto, Florida 34221
(941) 729-4799 • www.questcontrols.com

