Scigiene Wireless Monitoring Systems

Scigiene offers a wide range of wireless systems and sensor options to meet almost any need. From our low cost BASIC to our IP67 waterproof sensors.

Scigiene Wireless Systems use flexible and easy to use FHSS 900 MHz RF sensors, Receivers and Controllers with Cloud based software to collect temperature, humidity and a multitude of other signal types with ranges of up to 1200 ft. through 12+ walls.

The data can be viewed in tables & graphs, on your computer from **receivers** connected directly via Ethernet or Cellular Gateways to **cloud based** databases to give you the ultimate in flexibility. This is ideal for compliance monitoring as the data is collected automatically, for easy reports and alarming.

All Scigiene wireless sensors are battery powered varying from tiny compact to industrial grade fully IP67 waterproof models. Our GEN2 sensors have internal memories to log data to ensure data in the event of a power failure. Sensors have programmable transmit intervals to give you flexibility to increase signal collection or increase life. Sensors are available for a wide range of parameters
*Call us for consultation on best options for you.
User defined thresholds for alerts and notifications

The sensors can be easily installed and or moved for easy servicing and yearly recertification.

No room or facility is too big as our sensors have excellent ranges.

Features:
- Advanced Online sensor monitoring
- Advanced sensor configuration
- Allows for sensor data export, history reports and visual charts
- Provides history of sent alerts
- Sensor history storage
- Accessible anywhere via internet
- Sends alerts and notifications to multiple recipients via SMS Text & Email
- On screen alerts and notifications
- Visual tool for sensor mapping
- N.I.S.T. traceable certification of Temperature and Humidity sensors available

SOFTWARE

Scigiene Premiere is a secure cloud based monitoring and notification software dedicated to the Scigiene Wireless sensors and Gateways. The system allows for complete configuration and customization at a sensor, local network or client wide level. The software allows for management of sensor data as well as the ability to setup alerts via SMS text or email to one or many recipients. It is also accessible from all internet enabled devices including Smart Phones.

Wireless Scigiene Premier Cloud Based Software

RECEIVERS
We have USB, Ethernet, cellular and Modbus Gateway options. All gateways are designed to receive and decode packet data from all of our Wireless Sensors.
Depending on the model selected the receivers can be connected directly to your PC's USB or via an IP connection or utilize cell chips and the data is then downloaded to a Cloud database or your P.C.
Call today to discuss your options.

SCIGIENE WIRELESS SENSORS

Features of all sensor types

- Range of 1,200+ feet through 12+ walls *
- Frequency-Hopping Spread Spectrum (FHSS)
- Improved interference immunity
- Improved power management for > battery life
- All Gen 2 sensors now have up to 3200 readings:
- Mounting Tape & Mounting screws included
- Accurate to +/- 0.25C
- Encrypt-RF Security Integrated bank level security
- Future Proof Over-the-air updates allow products to be updated remotely.
- The software also has multilevel passwords and the highest-level encryption to meet 21CFR part 11 compliance
- Security Encrypt-RF® (256-bit key exchange and AES-128 CTR)

BASIC SERIES

- Mounting Tape & Mounting screws included
- ABS Enclosure
- Operating Temperature: -7° to +60°C (+20° to 140°F)
- Dimensions: 1.775" x 1.040" x 0.785"

PROFESSIONAL SERIES

- Long Battery Life 10+ years powered by 2 AA batteries.
- User replaceable AA 1.5 V Batteries
- Max Operating Temperature using AA Alkaline Batteries: -18°C to +55°C (0°F to +130°F)
- Max Operating Temperature using AA Lithium Batteries: -40°C to +85°C (-40°F to +185°F)
- Dimensions: 4.375" x 2.470" x 1.111"
- ABS Enclosure

INDUSTRIAL SERIES

- Antenna: 3dBi RP SMA (Optional High gain 5dBi antenna – increased range 100 ft
- Single AA, 2500mAH, 3.6V Lithium Battery
- Enclosure: NEMA 1, 2, 4, 4x, 12 and 13 rated, sealed and weather proof
- Max Operating Temperature: -40° to 85°C (-40° to 185°F)
- Dimensions: 3.701" x 2.316" x 1.378

For more information on our systems and detailed specifications, please visit www.scigiene.com or contact us at 416-261-4865.