

HONEYWELL Emission Monitoring Solution



Honeywell

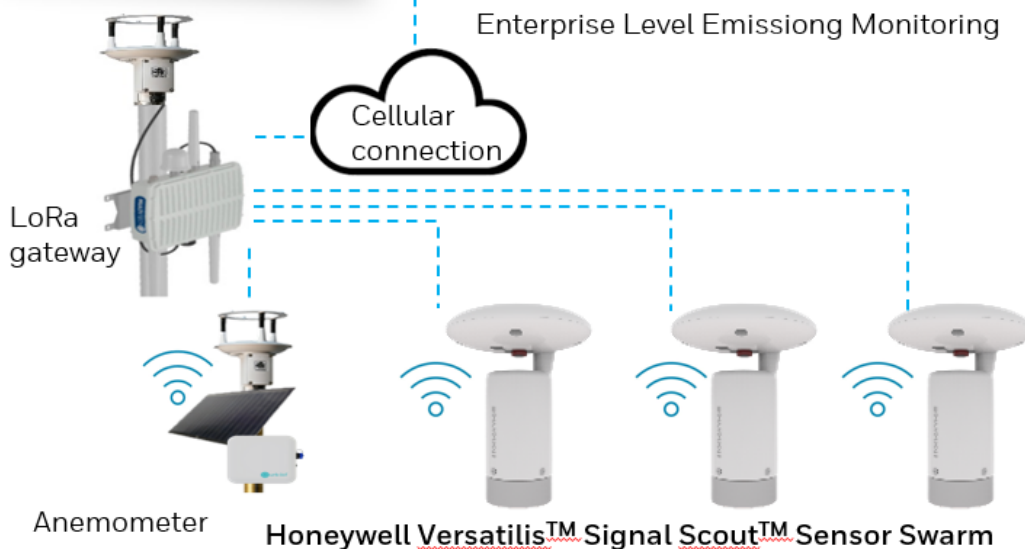
Honeywell has developed Real-time monitoring solution based on Honeywell Versatilis™ Signal Scout™ sensors. A swarm of low-power, fast, very sensitive sensors, positioned adjacent to potential leak sources, feeding data to our Experion software. The data is correlated with wind speed and direction to triangulate the leak location and quantify the leak through advanced analytics.



- Target methane emissions and the burden to execute periodic labor-intensive manual measurements to satisfy EPA audits.
- Safety of the plant worker.
- Increasing emissions regulations.
- Increasing focus on utilizing empirical emissions data and analytics solutions to improve efficiency and process control.
- Commitment to address indirect emission in the value chain.
- Rising health concerns related to air pollution and Global warming.



Enterprise Level Emissiong Monitoring



FEATURES:

Gas Sensor: Molecular property spectrometer Methane Sensor: 50ppm to 1,000,000ppm concentration

Factory Calibrated: No Field Calibration is required.

Auto Calibration: Built-in environmental compensation and self-testing for fail-safe operation.

Pressure Sensor: 300 to 1100 hPa

Humidity Sensor: 0 to 100 %RH

Temperature Sensor: -40°C to 85°C (-40°F to +185°F)

BLE Communication: 2.4 GHz, Bluetooth® Low Energy 5.0 Communication for Configuration

LoRaWAN® Class-A: 863 to 928 MHz, Long Range Communication (LoRaWAN®) Class-A for supporting EU, US, and IND regions

LoRaWAN® Data Publish: Real-time Sensor parameters sent to the cloud for analytics: Methane gas concentration, Pressure, Humidity, Temperature

Battery: The Low power detector is energized by Primary D-size Battery; Li/SOCl₂

Battery Life: Battery Life 18 months (pilot units: 4-6 months)

Operating Temperature: -40°C to +75°C (-40°F to +167°F)

Humidity Range: 0 to 100 %RH

Physical Dimensions: H 160.8mm (6.33 Inches) x D 120mm (4.72 Inches)

Total Weight (including mounting adapter): 500gm

Ingress Protection: NEMA-4X, IP66

Multiple Mounting Options: Magnetic adapter for ease of installation, aluminum adapter with M6 screw nut arrangement

Intrinsic Safe (IS): ATEX Intrinsic Safety (Zone 0), IEC-Ex, CSA US C1/D1

For more information

To learn more about Honeywell's products, visit process.honeywell.com or contact your Honeywell account manager.

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FLR-22-22-EN | 11/22
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