



## Wireless Water Presence Sensor - 108

Part Number: SS-SEN-108



### Overview

Swift Sensors Wireless Water Presence Sensor can detect both the presence of water or lack of water. This sensor is ideal for monitoring and preventing property damage from water leaks and flooding. This sensor can also be used to detect a lack of water, notifying you when water is no longer present. When a detection event occurs, notifications can be sent via SMS text, email, and phone call.

### Simple, Plug-and-Play Deployment

Place the small battery-powered sensor in the location or on the equipment you need to monitor. The Swift Sensors Bridge automatically identifies the sensor and establishes communication. No wires to connect. No software to install.

### Secure, Scalable, Cloud Architecture

The system is 100% cloud-managed. The bridge securely transmits sensor data to the Swift Sensors Cloud using 256-bit AES encryption. The system is scalable from a single sensor, one site application to multi-site enterprises with thousands of sensors.

### Real-time Monitoring and Analytics with Actionable Data

Swift Sensors Console allows real-time asset monitoring and sophisticated analysis from anywhere – on a computer, tablet, or smartphone. Data analytics provide operational insights and deep visibility. SMS text, email, and phone call notifications can be set based on customizable threshold values and complex rules by individual sensors or sensor groups.

### Applications

- Facility Monitoring
  - Datacenters
  - Warehouses
  - Greenhouses
- Property Management
- Second Home/  
Vacation Home
- Building and Energy  
Management

<b>Sensor Measurement Specifications:</b>	
<b>Water Detection Wires</b>	3' high impedance
<b>Sensor Operational Specifications:</b>	
<b>Power</b>	Replaceable 3.0V CR2032 coin cell battery
<b>Battery Life</b>	3 months - 2 years, depending on inspection rate
<b>Communication</b>	RF: 900/868/433 MHz, 100 - 200 ft. non line-of-sight
<b>Data Security</b>	AES 256-bit encryption
<b>Enclosure</b>	ABS plastic
<b>Dimensions</b>	2.375" x 1.375" x 0.5625", 3" antenna
<b>Operating Temperature</b>	-40°C to +85°C (-40°F to +185°F)
<b>Operating Environment</b>	-20°C to +60°C (-4°F to +140°F) for battery only
<b>Certifications</b>	FCC

### Swift Sensors Bridge

The Swift Sensors Bridge collects data via BLE or RF from sensors located within the specified communication range (< 200 ft.) and then transmits the sensor data to the Swift Sensors Cloud through either Ethernet, Wi-Fi, or cellular. The bridge auto-detects all sensors within range and will immediately establish secure communication without any user configuration or setup.

### Swift Sensors Console

All sensor data is logged and stored in the Swift Sensors Cloud. The Swift Sensors Console is configured to monitor and track all sensor data in the cloud. Multiple thresholds and alerts can be set separately for each sensor to supply notification via SMS text, email, or phone call. The console can be viewed in a web browser on a computer, tablet, or smartphone. No programming is required to configure the console. An API to the Swift Sensors Platform allows integration with other data sources and 3rd-party data analytics tools.