



# Swift Sensors Standard Bridge 1010

Part Number: SS-BRG-1010

## Overview

The Swift Sensors Standard Bridge 1010 connects with all Swift Sensors within range and securely transmits sensor data to the Swift Sensors Cloud through either Wi-Fi or Ethernet.

## Simple, Plug-and-Play Deployment

After power-on the Swift Sensors Bridge will automatically identify all sensors within range. Use the Swift Sensors Dashboard to configure individual sensors or groups of sensors. 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 product family includes a comprehensive line of matchbox-sized, wireless sensors for measuring temperature, humidity, motion, vibration, water detection, door open/close, power and others. Each wireless sensor is powered by a replaceable coin cell battery with an expected battery life of one to three years, depending on the user-defined measurement frequency.

## Applications

- Industrial Monitoring
- Food Processing
- Cold Chain Monitoring
- Restaurants and Hospitality
- Building and Property Management
- Critical Facility Monitoring
  - Datacenters
  - Food Storage
  - Greenhouses



<b>Operating Specifications:</b>	
<b>Ethernet Communication</b>	IEEE 802.3, 10/100Mbps, RJ45
<b>Wi-Fi Communication</b>	802.11 b/g/n (2.4GHz/5GHz), WPA2-PSK authentication
<b>Sensor Communication</b>	BLE: 2.4 GHz, 125 – 150 ft. non line-of-sight RF: 900/868/433 MHz, 250 – 300 ft. non line-of-sight
<b>Offline Storage</b>	Up to three weeks when communication is not available
<b>Security</b>	256-bit AES encryption
<b>Power</b>	120 VAC
<b>Operating Temperature</b>	23°F to 113° (-5°C to 45°C)
<b>Enclosure</b>	ABS plastic
<b>Enclosure Dimensions</b>	3.5" X 2.75" X 1.0"
<b>Certifications</b>	FCC

### **Swift Sensors**

The Swift Sensors Bridge collects data via BLE or RF from the complete line of Swift Sensors. The sensors are powered with a replaceable 3V coin cell battery and will automatically pair and communicate with a Swift Sensors Bridge within range. Sensors are available for common measurements including temperature, humidity, moisture, vibration, activity, door movement, motion, switch contact, electrical current and voltage.

### **Swift Sensors Dashboard**

All sensor data is logged and stored in the Swift Sensors Cloud. The Swift Sensors Dashboard 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, and phone call. The dashboard can be viewed in a web browser on a computer, tablet, or smartphone. No programming is required to configure the dashboard. An API to the Swift Sensors Platform allows integration with other data sources and 3rd-party data analytics tools.