

Specification Data	
Job Name	
Type	
Catalog #	
Comments	



Battery or External Powered

PRODUCT OVERVIEW

The Sense 4-20 is a wireless sensor interface that works in conjunction with other SimplySnap nodes and site controllers to gather important sensor data across key areas within a facility. The standard 4-20 mA sensor interface allows access to a wide variety of data. With its compact battery-powered design, installation is quick and allows sensors to be quickly added where they are needed across a facility.

View current and historical sensor data from anywhere. Create alerts to send email notifications when sensor measurements fall below or above the configured thresholds. Wirelessly tie sensors into controls via SimplySnap, enabling a wide variety of solutions across the facility.

Integrate with lighting controls and other energy monitoring solutions from Synapse to further gain control of your facility's infrastructure and eliminate waste.

KEY FEATURES:

- Standard 4-20 mA 75 Ω 2-wire sensor interface
- Battery-operated (x4 AA) - Energizer Max recommended
- Powers sensor via 4-20 mA loop
- IP 65 rated enclosure
- UL94-5VA compliant enclosure
- Range of 500 feet, line of sight
- RF Transmission Output Power of +20dBm
- Secure AES128 Encryption
- Self-healing 2.4GHz SNAP Mesh Networking
- Seamless SimplySnap Integration
- Secure, over-the-air upgrades to support future enhancements

Product #	Description
WSI-4-20-101	SimplySnap industrial 4-20 mA wireless sensor interface

SPECIFICATIONS

Dimensions	7.9" L x 3.9" W x 2.8" H (200 x 100 x 70 mm)
Input Power	4 to 24VDC or 4 AA batteries- Energizer Max recommended
Battery Life	Up to 1 year with 15 minute poll rate
Operating Environment	-40C to +70C, 10 to 98% RH, non- condensing
Sensor Interface	4-20mA
Sensor Power	24VDC
Enclosure	IP65 Rated
Mounting	Wall, Ductwork or I-Beam
Radio	SNAP 2.4GHz ; 802.15.4 +20 dBm Transmit Power -103 dBm Receive Sensitivity
Radio Range	Up to 500 feet, line of sight
Certifications	FCC, Class B; cULus, RoHS
Warranty*	1 Year

*See www.synapsewireless.com/warranty for warranty terms

To learn more, call or visit:
synapsewireless.com
 (877) 982-7888