

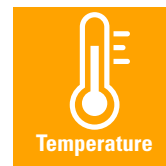
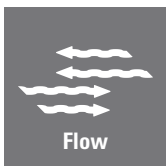
Features:

- Sensor Monitoring
- Real-Time Alerts
- Android/iOS
- Cloud Based Data (Wireless)
- Up to 5 Remote I/O's can be connected to a Base Unit

SENSERT™ is a wireless, cloud-based sensor monitoring and alert system. A variety of sensors, such as temperature, humidity, vibration, and pressure, can be hardwired directly to the SENSERT Remote I/O. The Remote I/O then communicates sensor data to the Base Unit via Bluetooth Mesh. Up to 5 Remote I/O's can be wirelessly linked to a single Base Unit.

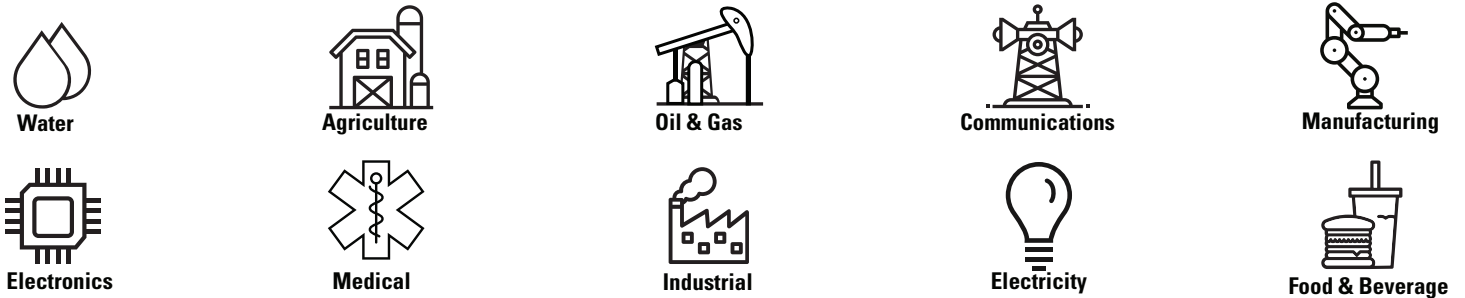
SENSERT Remote I/O

Power Supply	9-30 VDC	
Analog Inputs	1 - 0-20 mA, 4-20 mA, 0-5 V, 0-10 V	
Digital Inputs	1 - Dry Contact	
Internal Measurements	Temperature, Humidity, and Vibration Sensor	
Analog Channel Impedance	mA: 200 ohm V: 1M ohm	
Digital Inputs	Type	Dry Contact
	Maximum Voltage	12 VDC
	Input Impedance	500k ohm
	Input Current @ 12 VDC (Typical)	24uA
Resolution	4096 (12 bit ADC)	
Report Interval	Configurable	
Alerts	Configurable through the SENSERT Mobile App or Web Portal. Each channel can be configured for a high and low threshold value as well as custom alerts.	
Operation Temp	-4 to 131°F (-20 to 55°C)	
Accuracy	0.05 % for all inputs, 2% for internal measurements	



SENSERT Applications

SENSERT is engineered to monitor sensors in critical processes and provide alerts to the user in numerous environments. SENSERT can be utilized in the following applications:



SENSERT Ecosystem



SENSERT Base Unit

- Power Supply: 5-30 VDC
- Analog Input: 4 [0-20 mA, 4-20 mA, 0-5 V, 0-10 V]
- Digital Input: 2 [Dry Contact or NPN Type]
- Digital Output: 1 [Relay]
- WiFi Cloud and Bluetooth-Mesh Device Communication



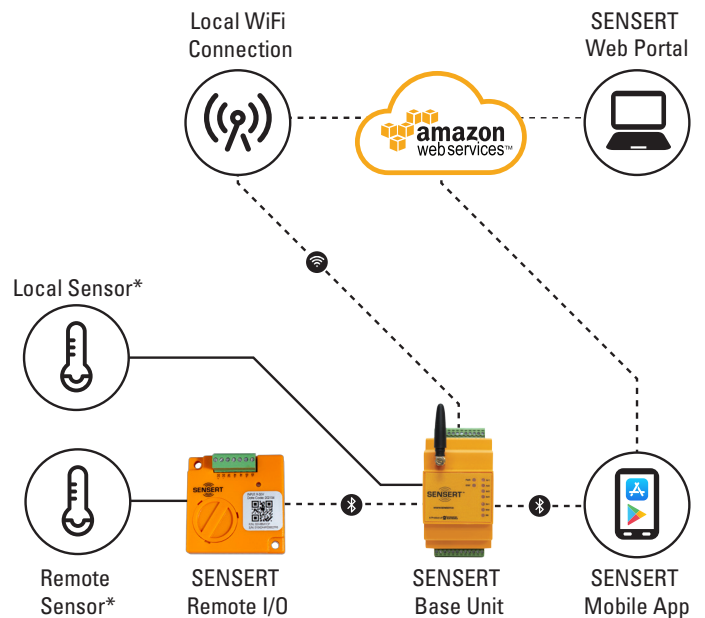
SENSERT Remote I/O

- Power Supply: 9-30 VDC or battery [2032]
- Analog Input: 1 [0-20 mA, 4-20 mA, 0-5 V, 0-10 V]
- Digital Input: 1 [Dry Contact]
- Bluetooth-Mesh Device Communication



*Sensor

Any type of sensor with analog output of 0-20 mA, 4-20 mA, 0-5 V, 0-10 V



Ordering Information

Product	Product Number	Features
SENSERT Base Unit	SST-BWF1HH	<ul style="list-style-type: none"> • WiFi cloud communication • Combination wireless and hardwired device communication • Hardwired power • Hybrid DIN rail and panel mount
SENSERT Remote I/O	SST-RBM1CP	<ul style="list-style-type: none"> • Combination wireless and hardwired device communication • Combination battery and hardwired power • Panel mount