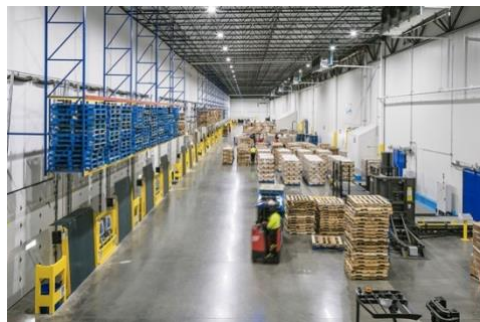




SENSCO



Wireless IIOT Sensors Platform

2021 Product Catalog

Remote Monitoring Solutions



About SENSCO



Who We Are

We are a leading industrial supplies company and now launching state-of-the-art wireless sensor based remote monitoring solutions for a wide range of industries



What We Offer

An unlimited portfolio of wireless sensors that efficiently monitor the environment & your machines and provide alerts for any deviation via our platform available both for PC and mobile



What You Get

Instant data and notifications, emails and SMS that will reduce time, cost of business operations, preventing potential damage to production, inventory and infrastructure

SENSCO carries years of experience in various sensing technologies and is now leveraging them to bring wireless sensor products to provide remote monitoring solutions to businesses of all kinds. SENSCO belongs to Cobalt Industrial which has its strong base in Calgary, Canada and have been providing industrial supplies to vital industries across Alberta.

Our portfolio covers wide range of sensors from temperature to vibration, humidity, gas detection, water leakage, current (AC and DC) meters, light intensity detection and many more to meet the demands from all fields of industries.

We are on a mission to bring innovative solutions to the market and our wireless remote monitoring sensors is just the beginning.

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Gateways

Ethernet Gateway

Simply provide power to the gateway and connect it to a router (for connection to the internet) through Ethernet cable. Up to 50 sensors can be connected to the gateway. It will automatically connect with our online servers.

It operates with 900MHz and offers a range of 1,200+ feet.



Housing	Part Number
Commercial	SCG2-EGW

Serial Modbus Gateway

This device allows you to connect up to 50 wireless sensing devices, per gateway, to your existing serial MODBUS RS-232C and RS-485 sensing and control infrastructures. Modbus interface allows the sensors to be used in majority of industrial applications.

Availability
Coming Soon

Temperature Sensors

Wireless Standard Temperature Sensor

The Wireless Temperature Sensor uses a type NTC thermistor to measure temperature. The sensor outputs the ambient temperature in Celsius or Fahrenheit. The sensor is accurate to + 1°C (+ 1.8°F).

Housing	Part Number
Industrial	SCS2-IN-TS-ST
Commercial	SCS2-W-TS-ST



Wireless High Temperature Sensor

The Wireless High Temperature Sensor uses an RTD to accurately measure temperatures from -50°C to $+370^{\circ}\text{C}$. This sensor is perfect for high temperature critical applications such as ovens, heaters, furnaces and boilers.

Housing	Part Number
Industrial	SCS2-IN-TS-HT-L03
Commercial	SCS2-W-TS-HT-L03



Wireless Low Temperature Sensor

The Wireless Low Temperature Sensor uses an RTD to accurately measure temperatures from -200°C to $+162^{\circ}\text{C}$. This solution is recommended for medical grade coolers that cool at temperature colder than -40°C as well as standard freezers and refrigerators.

Housing	Part Number
Industrial	SCS2-IN-TS-LT-L03
Commercial	SCS2-W-TS-LT-L03



Wireless Duct Temperature Sensor

These sensors are meant for duct monitoring. Each duct temperature sensor features a probe with temperature range of -40°C to $+150^{\circ}\text{C}$ and an NTC type thermistor with UL listed plenum cable for superior accuracy.

Housing	Part Number
Industrial	SCS2-IN-TS-DT-L08
Commercial	SCS2-W-TS-DT-L08



Humidity Sensors

Wireless Humidity Sensor

These sensors allow you to monitor the relative humidity of the air within a room or enclosure. This solution is ideal for monitoring humidity within greenhouses, industrial spaces, museums, saunas and humidors. They can also be used for residential applications such as controlling mold, mildew or dust mites.



Housing	Part Number
Industrial	SCS2-IN-HU
Commercial	SCS2-W-HU

Light Sensors

Wireless Light Sensor

These sensors enjoy a broad customer base because they help protect light-sensitive materials, enhance crop yields and play vital role in some security applications.

Housing	Part Number
Industrial	SCS2-IN-LIS
Commercial	SCS2-W-LIS

Open / Closed Sensors

Wireless Open / Closed Sensor

These sensors provide information on the status of doors, windows, cabinets, etc. Know if a building or area is being accessed when it should not be or if a door or window has been left open.



Housing	Part Number
Industrial	SCS2-IN-OC-ST
Commercial	SCS2-W-OC-ST

AC Current Meters

Wireless 20 Amp AC Current Sensor

This low power, 20 Amp AC Current Meter remotely audits power consumption. The electric power draw of servers, vending machines or workout machines can all be monitored using this current transducer.

Housing	Part Number
Industrial	SCS2-IN-CM-020
Commercial	SCS2-W-CM-020



Wireless 500 Amp AC Current Sensor

A one-phase high power 500 Amp AC Current Sensor is ideal for measuring commercial generators' power consumption, heavy duty industrial equipment or main breakers in industrial and commercial breaker panels.

Housing	Part Number
Industrial	SCS2-IN-CM-500
Commercial	SCS2-W-CM-500



Voltage Detection Sensors

Wireless 200 VDC Voltage Detection Sensor

This wireless 200 VDC Voltage Sensor monitors the On/Off status of equipment, machines or battery levels. Track power sources up to 200 VDC for industrial vehicles, ATVs, adapters, PV solar equipment and more.

Housing	Part Number
Industrial	SCS2-IN-VD-200
Commercial	SCS2-W-VD-200



Wireless 500 VDC Voltage Detection Sensor

Wirelessly monitor voltage for critical equipment and systems up to 500 VDC. Keep an eye on sprinkler systems, HVAC, power couplings and sump pumps. Know about electrical faults and act quickly to keep business moving.

Housing	Part Number
Industrial	SCS2-IN-VD-500-AC
Commercial	SCS2-W-VD-500-AC



Water Detection Sensors

Wireless Water Detect Plus Sensor

The Wireless Water Detect Plus Sensor employs a wall or surface mountable probe at the end of a 3' lead to detect water's presence (or absence). The probe is often used in sanitation or process applications to detect levels in reservoirs or vats of non-combustible liquids.

Housing	Part Number
Industrial	SCS2-IN-WD-WP-L03
Commercial	SCS2-W-WD-WP-L03



Wireless Water Detect Rope Sensor

The Wireless Water Rope Sensor detects the presence of water anywhere along the surface of the rope. The sensor comes with 10 feet of water rope. Additional 10 ft. sections are available and can be connected up to 100 feet.

Housing	Part Number
Industrial	SCS2-IN-WD-WR
Commercial	SCS2-W-WD-WR



Wireless Water Detection Puck

Housed in a vulcanized hockey puck, this submersible sensor detects water's presence or absence. Drop this sensor nearly anywhere to monitor for leaks / spills.

Housing
Commercial

Part Number
SCS2-W-P-WD



Gas Detection Sensors

Wireless Carbon Monoxide (CO) Sensor

This unique battery-powered sensor monitors job sites, offices, and residential complexes for carbon monoxide (CO). Within a small footprint, the MEMS-based device packs a 0-1,000 PPM measurement range and automated data logging.

Housing
Commercial

Part Number
SCS2-W-GS-CMO



Wireless Carbon Dioxide (CO2) Sensor

This MEMS-based sensor monitors CO2 levels in the air. Get an alert if CO2 levels surpass limits. It is used to protect indoor air quality in greenhouses, marine vessels, and HVAC systems.

Housing
Commercial

Part Number
SCS2-W-GS-CO2



Wireless Hydrogen Sulfide (H2S) Sensor

This safety sensor tracks the presence of H2S gas, which is toxic and flammable. Use this sensor to safeguard workers in oil / gas production, wastewater treatment, utilities, and other hazardous areas.



Housing	Part Number
Commercial	SCS2-W-GS-H2S

Vibration & Impact Sensors

Wireless Impact Sensor

The Impact Detection sensor activates when g-forces are exceeded by a user-defined threshold – up to 8 g-force. The user can key in the desired threshold for the g-force trigger. This sensor has two operation modes that can be also selected by the user: High Performance and Low Power.



Housing	Part Number
Industrial	SCS2-IN-ID
Commercial	SCS2-W-ID

Wireless Vibration Sensor

The vibration sensor reports data as speed (mm/s) and frequency (Hz) on all three axes as well as how long the sensor was measuring during the interval. Measurement methods are: Peak acceleration RMS, peak velocity RMS, and true RMS.



Housing	Part Number
Industrial	SCS2-IN-VS
Commercial	SCS2-W-VS

Wireless Advanced Vibration Sensor

The Advanced Vibration Sensor uses an accelerometer to measure vibration and frequency on three axes. The sensor reports vibration (acceleration, velocity, displacement, or acceleration peak), frequency (Hz/RPM), and crest factor on all three axes, duty cycle and the temperature.



Housing

Industrial
Commercial

Part Number

SCS2-IN-AVS-L10
SCS2-W-AVS-L10



Industry
Canada



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