

SensePoint Industrial



Nexcomm System's SensePoint Industrial Sensor Hub is designed to aggregate the values from multiple sensors and wirelessly transmit them to a gateway for transmission to the cloud. From there, the data can be graphed and analyzed.

It has twelve inputs for sensors: four 4-20mA analog, four 0-24V analog, and four digital on/off inputs that can accept up to 48V. It also has a Dallas 1-Wire input for digital sensors. The sensor values are transmitted via an integrated BLE or Thread radio.

An EdgePoint edge computer is used to receive the sensor values from the hub and send them to the cloud for processing. All sensor configuration is done in the cloud via a web page. This makes the hub very generic, accepting many different kinds of sensors.

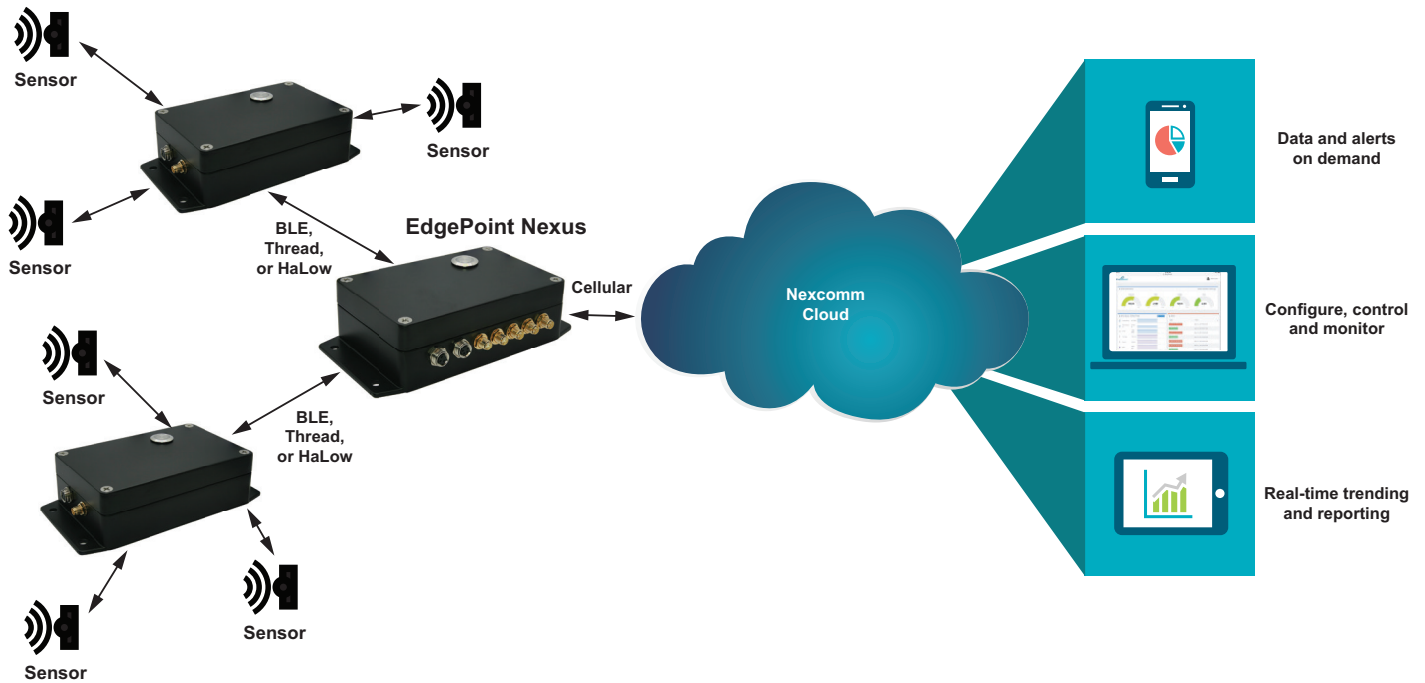
Housed in an IP67 rated enclosure, it can be powered from 12 to 48V, making the SensePoint Industrial ideal for many kinds of industrial sensing and telemetry systems.

Benefits

- Twelve inputs; four 4-20mA analog, four 0-24V analog, four up to 48V on/off.
- Dallas 1-Wire channel.
- Bluetooth Low Energy, Wi-Fi HaLow, or Thread wireless connection.
- Configured from the cloud, making setup amazingly simple.
- Small size, simplifying integration into end products.
- Works with any EdgePoint edge computer.
- Port configuration, sensor conversion and update rates are done from the website.
- Custom labeling and packaging are available.
- Customized website and API cloud connections are available.



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SensePoint Industrial Specifications

Electrical

Operating Voltage: 9 to 50VDC, reverse polarity protected

Communications:

Bluetooth Low Energy or Thread

Optional Wi-Fi HaLow

One Dallas 1-Wire channel

Inputs:

Twelve inputs

4-20mA analog

0-24V analog

0-48V on/off

Environmental:

Operating temperature: -40°C to +85°C (-40°F to +185°F)

IP67 / IP68

Mechanical:

3.14 x 4.90 x 1.59 Inches (79.76 x 124.46 x 40.39mm)

