

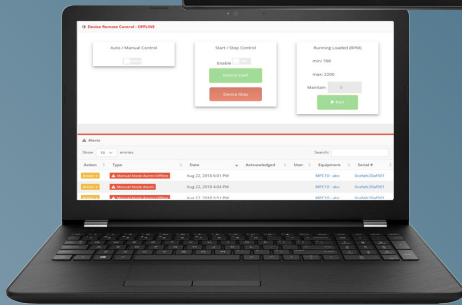
# SensePoint System



Nexcomm System's SensePoint Commercial Sensor Hub has twelve inputs that can accept any sensor that has a 0 to 5V output, whether it is analog, pulse train or digital on / off. The user can configure the update time base as well as maximum and minimum thresholds for exception reporting. The sensor ADC values are transmitted via an integrated BLE radio.



A ConnectPoint gateway or EdgePoint edge computer can be used to read 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 completely generic, accepting any sensor so long as it has a 5V maximum output.



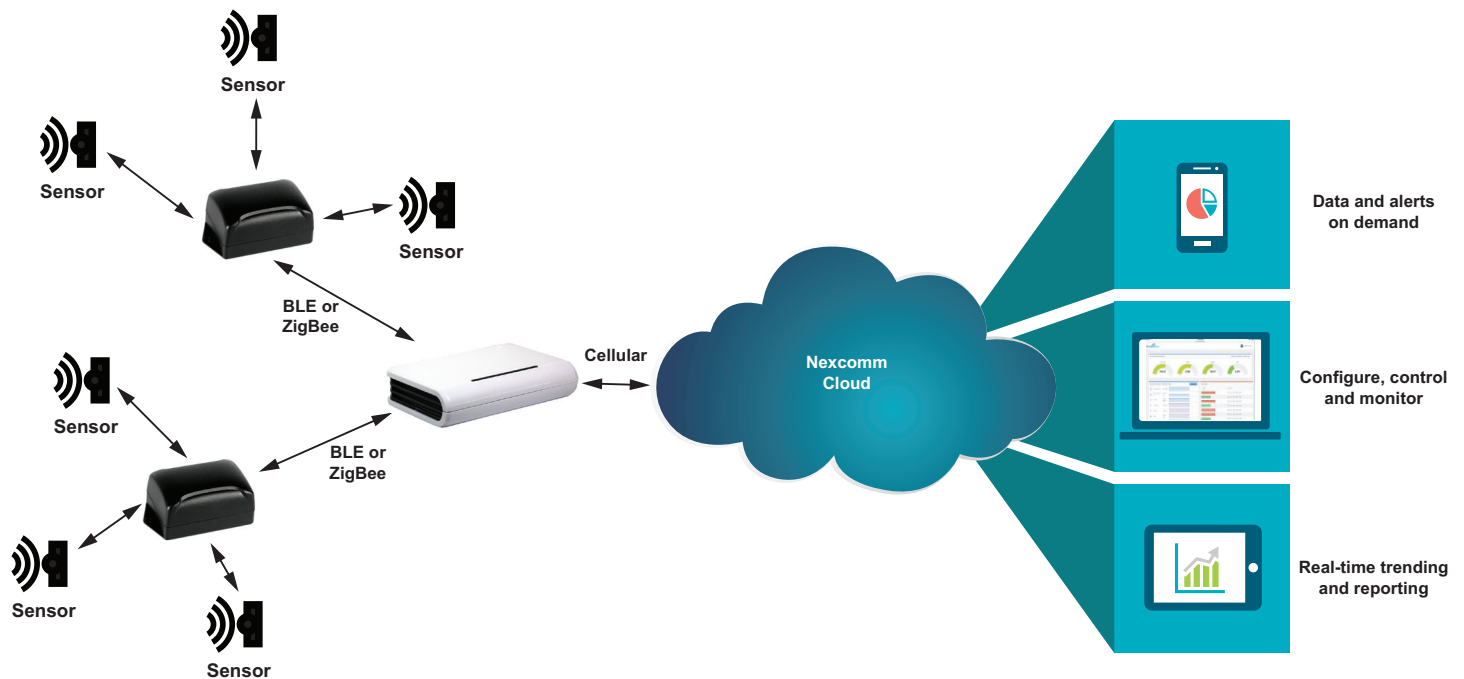
The hub has a single serial port that can be configured as a SPI or UART. It also has a single Dallas 1-Wire channel. Finally, a USB channel allows for local retrieval of the data and for device configuration.

## Benefits

- Twelve generic inputs, so it can use any sensor with a 0-3V or 0-5V output.
- Dallas 1-Wire, USB and serial port available (may require some development.)
- Bluetooth Low Energy, ZigBee or Thread wireless connection.
- Configured from the cloud, making setup very simple.
- Small size, simplifying integration into end products.
- Works with any ConnectPoint gateway or 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 Commercial Specifications

### Electrical

Operating Voltage: 3.6 to 14VDC, reverse polarity protected

### Communications:

Bluetooth Low Energy, ZigBee or Thread

One Dallas 1-Wire channel

One serial port, can be configured as UART or SPI (disabled by default)

One USB channel (disabled by default)

### Inputs:

Twelve inputs, individually configured from the web

0-3V or 0-5V analog

0-3V or 0-5V pulse train

0-3V or 0-5V on/off

### Environmental:

Operating temperature: -20°C to +70°C (-4°F to +158°F)

### Mechanical:

3.09 x 2.09 x 1.59 Inches (78.49 x 53.09 x 40.39mm)

