SensePoint Serial

The SensePoint Serial node has one RS-485 and one RS-232 channel for communication to controllers, PLCs, or sensors. It communicates with an EdgePoint Nexus over a customized Thread wireless link. This allows serial commands and data to be passed from a cloud server to the connected device through the Nexus system.

Power and data are on M8 connectors, providing a rugged watertight connection. A wide 9 to 36VDC power supply supports the power ranges that are already present on most industrial equipment and vehicles. A wireless link to the gateway eliminates the need to install data cables.
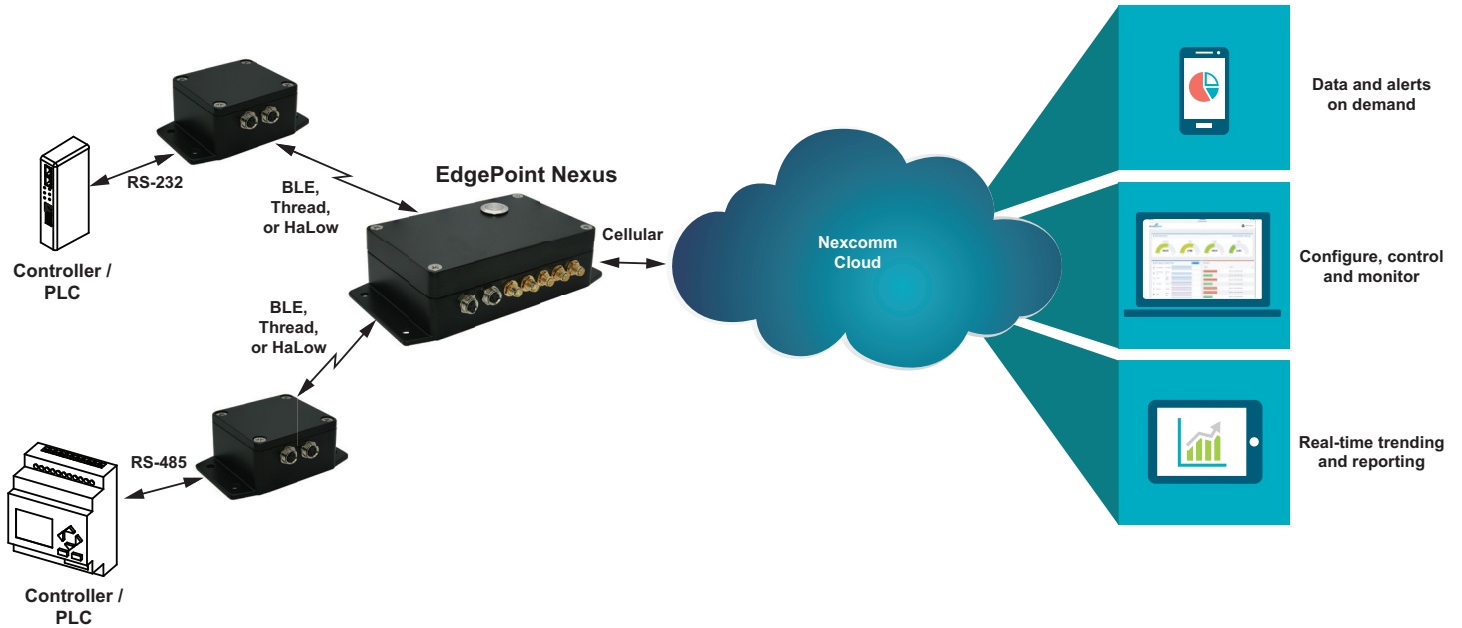
Housed in an IP67/68 diecast aluminum enclosure, the SensePoint Serial is ruggedized for harsh industrial and outdoor environments. An integrated mounting flange makes installation simple into new and existing systems.

Benefits

- One RS-485 channel and one RS-232 channel, software selectable.

- 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.

- Diecast aluminum enclosure for harsh environments

- Works with any EdgePoint edge computer.

- Custom labeling and packaging are available.

- Customized website and API cloud connections are available.

NEXCOMM Systems

501 Hobbs Street
Tampa, FL 33619
www.nexcomm.systems
(813) 302-7131

SensePoint Serial Specifications

Electrical

    Operating Voltage: 9 to 36VDC, reverse polarity protected

Communications:

    Bluetooth Low Energy or Thread
    Optional Wi-Fi HaLow
    One RS-485 channel
    One RS232 channel

Environmental:

    Operating temperature: -40˚C to +85˚C (-40˚F to +185˚F)
    IP67 / IP68

Mechanical:

    1.77 x 1.97 x 1.12 Inches (45.00 x 50.00 x 28.45mm)