NEW PRODUCT ANNOUNCEMENT

NEW AERINOS ADS-300 FROM INFINITE INFORMATICS

CAS DataLoggers is pleased to introduce the new AERINOS ADS-300 wireless sensor end node from Infinite Informatics. The ADS-300 is designed to transmit data via either NB-IoT/LTE-M cellular networks and is targeted at remote monitoring applications. NB-Iot is a wireless protocol designed for the Internet of Things that offers very low-power operation using either existing GSM, or newer LTE cellular technology. NB-IoT is a global communications service that offers extended coverage beyond what existing cellular technologies offer and low-power operation to allow a battery life of more than 10 years.

The ADS-300 offers one analog input and one digital/counter input plus support for SDI-12 and RS485/Modbus serial communications. The analog input is designed for sensors with either a voltage or 4-20 mA current output. The digital input can be used as either on/off state input to record events such as a contact opening or closing or as digital counter input to capture pulses from a device like a flow meter. The SDI-12 and RS485 interfaces can be used with smart sensors with serial data outputs.

The ADS-300 can be easily integrated with cloud platforms like Microsoft Azure IoT Hub, Amazon Web Services, Mosquitto MQTT brokers or dedicated IoT platforms like Losant.

FEATURES:

- 1 Analog input – 0-1VDC/0-20mADC
- 1 Digital state/counter input – 0-30 VC up to 2 kHz
- SDI-12 – up to 8 channels/3 sensors
- RS-485/Modbus – Up to 8 channels/3 sensors, Modbus RTU and ASCII
- Sensor excitation output – 5 & 12 VDCBullet Point
- Low power operation from a single Lithium battery for up to 10 years
- Rugged IP66/IP68 enclosure
- USB configuration port

The ADS-300 is designed for applications that requires remote, low power operation such as environmental and agricultural monitoring, level and flow measurements.

For more information on the new ADS-300, or to find the ideal solution for your application-specific needs, contact a CAS Data Logger Applications Specialist at **(800) 956-4437** or visit our website at www.DataLoggerInc.com.