

# Analog Input | Data Logging

Traditional data logging solutions pose challenges with high costs and complex installations, limiting their practicality, especially in outdoor environments. DataStream IoT's revolutionary self-contained analog input CellPoint™ device is designed to overcome these hurdles, offering a scalable, cost-effective alternative.

DataStream's Analog Input CellPoint™, an IoT micro-datalogger, collects real-time data from any 4-20mA analog sensor, transmitting it to the DataSense IoT portal. With easy deployment in under 10 minutes, this device monitors sensors at 5-minute intervals, sending immediate alerts for sustained anomalies, enabling instant responses to critical events. The Analog Input CellPoint™ device provides the following key advantages:

## Key Advantages

- ◆ **Real Time Analysis** | Continuous monitoring allows for early detection of problems, enabling timely intervention before overflows occur.

- ◆ **Cost-Effectiveness** | Eliminates extensive infrastructure needs, significantly lowering data collection costs.
- ◆ **Rapid Deployment** | Ease of Installation without disrupting operations.
- ◆ **Versatility** | Adaptable to various applications, collecting data from any analog sensor.
- ◆ **Real-Time Alerts** | Provides immediate responses, optimizing operational efficiency.
- ◆ **Scalability** | Allows gradual expansion for a complete view of networks or processes.

Our unique Analog Input CellPoint™ is not just a cost-effective data logging solution; it's a transformative approach to operations. Beyond immediate benefits, it unlocks new possibilities for insights, control, and proactive maintenance strategies across industries.

## Key Features

- Data logging from any 4-20mA analog sensor.
- Ease of installation, supported by a mobile app.
- User defined alerts generated upon hi and lo- events.
- Status data updated daily and upon alert.
- No external power required - Field replaceable battery.
- DataSense™ portal provides detailed historical data for analysis.
- The CellPoint™ sends the information to the portal once a day (or more frequently, if required). When coverage is limited, the device retains the logged data and attempts to retransmit the information

