CellPoint™
Data Logging

DataStream IoT

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:

Analog Sensors

Key Advanteges

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

◆ **Cost-Effectiveness** | Eliminates extensive infrastructure, 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 response, optimizing operational efficiency.

◆ **Scalability** | Allows gradual expansion for a complete view of networks or processes.

| Pressure | Voltage | Level | pH | Temperature | Moisture | CO$_2$ |

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

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