

CellPoint Water Consumption Monitoring

The Water Consumption Monitoring device is part of DataStream IoT's CellPoint product line.

The CellPoint is a battery-powered endpoint. This device is designed for collecting consumption data from any utility water meters. The CellPoint is compatible with practically any water meter model (pulse or encoder). The device provides real-time monitoring of events such as slow leak or pipe burst.

The CellPoint operates on the cellular LTE network (Cat-M or NB-IoT). The device is designed to meet extreme outdoor ambient conditions and may be also used indoors, in basements or in underground pit applications.

The meter reading is saved once an hour, so the device sends 24 readings a day. The leak definitions are programable. All critical events are transmitted to the web server when they occur, while hourly readings are stored and transmitted once per day.



Application

The CellPoint device offers a solution for various sub-metering applications, as well as for utility metering. This product is a very cost effective consumption monitoring solution for private and public entities such as factories, university campuses, hotels, shopping centers, RV camping sites, and many other sub-metering use cases.

DataStream's DataSense web-based Metering Data Management (MDM) platform provides the operator with a comprehensive set of reports and queries as well as with a CSV file export and an API capability for interfacing with billing and CRM systems.

Key Features

- Compatibility with a wide range of meters.
- User defined alerts and reports.
- Long life of 5-10 years (replaceable battery).
- IP68 rating.
- Integrated (embedded) antenna.
- External antenna for manhole installations.
- Easy to install using an Android technician app.
- Metering Data Management web application.

