



iQ Pulse General Purpose Cellular Endpoint

Engineered for Dependability, Flexibility, Cost Effectiveness and Installation Simplicity

iQ Pulse Highlights

- ◆ LTE IoT device designed for various sensing and monitoring applications
- ◆ Data collection done in hourly intervals
- ◆ Data logs uploaded once per day, by default
- ◆ IP68 rated
- ◆ Multiple OEM meter compatibility
- ◆ 10 year field replaceable internal battery
- ◆ Integrated internal high gain antenna with optional use of external antenna
- ◆ Configured using Bluetooth via Android application
- ◆ iQ Pulse data management portal included for reporting, trend analysis, and threshold alerts



Management Applications

- ◆ Consumption Management (AMR/AMI)
- ◆ Data Analytics
- ◆ Leak Detection
- ◆ Temperature Detection*
- ◆ Sewer Level Management*
- ◆ Pressure/Flow Management*
- ◆ Waste Water Management*
- ◆ Non-Revenue Water

* Coming soon



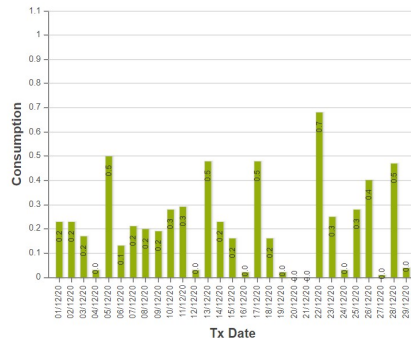
iQ Pulse is an auto-sensing and monitoring application platform. The iQ Pulse endpoint collects usage data on an hourly basis and transmits the data via an LTE network on 24 hour scheduled interval, by default and will schedule up to three automatic retries if initial connection to the LTE network is unsuccessful. The endpoint will retain its usage data until the data logs can be successfully transmitted.

The iQ Pulse endpoint comes equipped with an internal high gain antenna with the option to utilize an external antenna for areas that have weaker LTE cellular coverage. The iQ Pulse endpoint is compatible with many OEM meters including Badger, Neptune, Sensus, and Master Meter. A field technician's app is utilized for easy field installations using Bluetooth.

The iQ Pulse management portal is a cloud-based platform where various reports can be generated on demand as well as producing trend analysis, configurable usage alerts, and exporting tools to integrate into any billing software.



Technician's application



iQ Pulse Portal

IQ Pulse Technical Specifications

Cellular Connectivity: 4G LTE – Cat1

Overall Dimensions: 3"x3.4"x10" (H/W/L)

External Antenna: Optional

Programming: Bluetooth via Phone App

Meter Interface Capabilities: Pulse or Encoder (Sensus, Neptune, Badger, Kamstrup, Diehl and others)

IP Rating: IP68

Material: Reinforced Plastic

Operating Voltage: 3.65 VDC—internal battery (replaceable)

Battery Lifespan: 10 years*

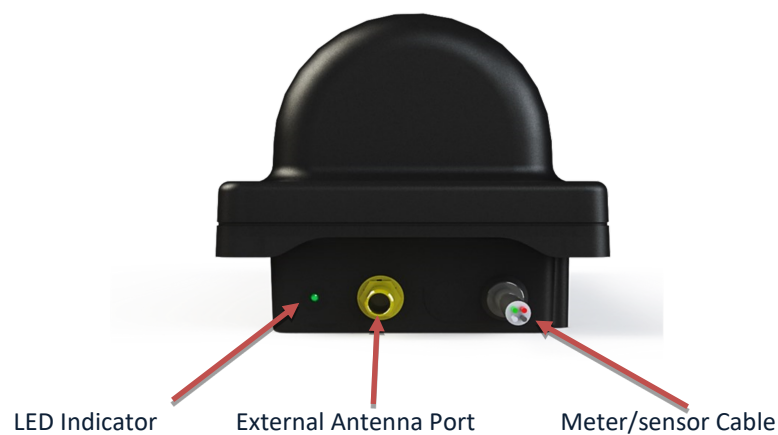
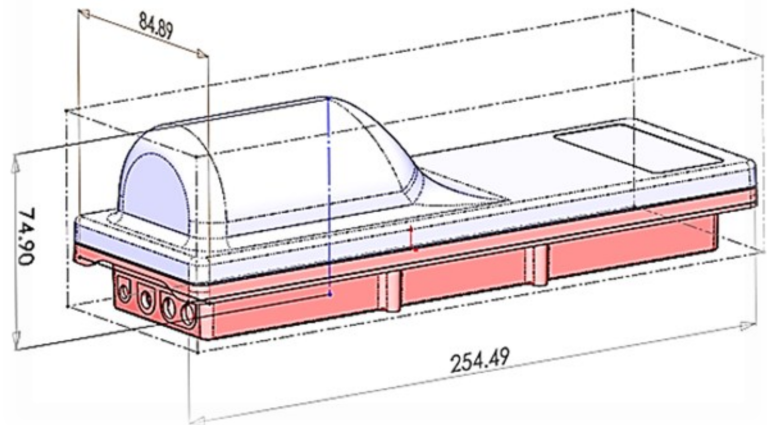
Environmental

Operating Temperature: - 4°F to +140°F

Storage Temperature: - 40°F to +140°F

Humidity: 0 to 100% condensing

IP Rating: IP68 (potted)



* 10 year battery life is achievable under optimal conditions with only one daily upload to the iQ Pulse portal and two alarm conditions a month. Any changes to the upload frequency will reduce overall battery life.