

Built for Real-World Reliability, Seamless Integration, and Smarter Field Operations

Efficiency Redefined:

- Installation anywhere regardless of power accessibility
- Constant monitoring of system pressure simultaneously at dozens of strategic points
- Leverages iQ2™ for data availability to GIS, traditional SCADA, etc. acting as Message Oriented Middleware
- Remote Configuration Capable
- Data history for calibrating hydraulic models
- Self-powered device with no additional power requirements
- Install and configure in minutes
- Reduced time and resources required to locate leaks and infrastructure failures

GP-CEP-100P Highlights:

- LTE cellular device for constant monitoring of water system pressure
- IP68 rated cellular device
- Up to 5 year battery life, depending on configuration, cellular reception and data transfer rate
- Field Replaceable Battery
- Integrated internal high gain antenna with optional use of external antenna
- iQ2 Platform included for reporting, trend analysis and threshold alerts
- Site-Configured using Bluetooth application



The GP-CEP-100P endpoint is a cellular IoT device designed and packaged specifically for pressure sensing and monitoring in “clean water” applications where constant awareness is critical at strategic locations throughout a given system. The device collects data at user-defined intervals and transmits the data log to iQ2™ once per day where various reports are available, as well as trend analysis, threshold alerts and exporting tools. In cases where cellular coverage is weak, the device makes several connection attempts on a predefined schedule and if not successful, the data is stored in the internal memory and the endpoint attempts to transmit the data again the next day. The internal battery is field replaceable, ensuring a long service life and enabling end-user maintenance as needed.

Specifications:

Cellular Connectivity: 4G LTE, CAT-M1 / NB-IoT 3” X

Overall Dimensions: 3.4” X 10” (H/W/L)

External Antenna: Optional

Programming: FOTA, Bluetooth App

Pressure Range 0-100 psi standard

Sensor Connection Integral to sensor, 6’ std.

Mounting Options: Adapter for mounting on 3/4” PVC stake, adapter bracket for wall mounting

IP Rating: IP68

Operating Temperature -4°F to +140°F

Storage Temperature -40°F to +140°F

Material Reinforced ABS plastic, epoxy encapsulated

