

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

Efficiency Redefined:

- Installation anywhere regardless of power accessibility
- Constant monitoring of data points 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, digital twin, etc.
- Self-powered device with no additional power requirements
- Install and configure in minutes
- Reduce alarm time to leaks and infrastructure failures

GP-CEP-420 Highlights

- LTE cellular device for constant monitoring of data points
- 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
- Highly durable, designed for industrial and municipal applications



The GP-CEP-420 endpoint is a cellular IoT device designed for monitoring 4–20 mA sensors and signals. It is ideal for applications that require constant awareness at strategic points within a system. The device collects data at user-defined intervals and transmits logs to iQ2™, where reports, trend analysis, threshold alerts, and export tools are available.

If cellular coverage is weak, the device retries connections on a predefined schedule. If a connection is not established, data is stored in internal memory and transmitted at the next interval. A field-replaceable internal battery ensures long service life and supports end-user maintenance.

Specifications:

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

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

External Antenna: Internal with External Option

Signal (current): 4-20 mA*

Programming: Wireless OTA

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

*must be preapproved by OEM

