

Remote Alarm Monitoring System

Monitors for power loss and failure modes



The IQ Pulse-DC-DP is a cellular endpoint (IoT Device) designed specifically for monitoring and alerting commercial and residential water & wastewater treatment systems.

The device collects data at user defined intervals. It constantly monitors for power loss, high float, and most failure mode occurrences. It then sends alerts to a defined group of recipients in the case of a failure with the pumping system, reducing time to respond to overflow or system failure.

The remote alarm monitoring system was built to be viewed on any mobile device from any web browser.

Features

- Purposefully built for builders, homeowners, municipalities, or service companies
- Constant monitoring of power loss, high float, and most failure mode occurrences
- Self-powered device with no additional power requirements
- Design-In or retrofit capable
- Complies with local system “call out” regulations and requirements

Highlights

- LTE cellular device that upfits any onsite control box
- iQ2 cloud-based platform included for system failure alerting and reporting
- Plug and play capabilities
- 5+ year field replaceable battery
- Simple onsite configuration using onboard Bluetooth utility
- Internal high gain antenna
- Installs in minutes with multiple mounting options

Specifications

Cellular Connectivity: 4G LTE, CAT-M1 / NB-IoT
Overall Dimensions: 3" H X 3.4" W X 10" L
Internal Antenna: Integrated high gain antenna
External Antenna: Optional
Programming: FOTA, Bluetooth App
Device Inputs: (2) low voltage DC inputs, 3.5 - 5v DC
Process Connection: 1/4" NPT threads

Mounting Options: Adapter bracket for Unistrut mounting or adapter plate for mounting onto existing enclosures
IP Rating: IP68
Operating Temperature: -4° F to +140° F
Storage Temperature: -40° F to +140° F
Material: Reinforced ABS plastic, epoxy encapsulated



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