

Features

APPLICATION: The 200WP Water Endpoint for pit-set and wall-mount applications is an advanced meter data collection device designed specifically for the Itron Water Fixed Network. Its high-power, 1-watt radio frequency (RF) output substantially reduces the number of required data collectors, improves performance and dramatically lowers equipment, implementation and operating costs as compared to lower-powered RF networks.

WATER METER COMPATIBILITY: The 200WP is compatible with industry-leading water meters including Hersey, enabling water utilities to consolidate all their water meters under a single, advanced-metering RF network. The two-way radio capability of the 200WP facilitates quick configuration changes and future updates without visiting the meter, further reducing operating expenses.

DATA LOGGING: The 200WP's network-programmable data logging capability can store 35 days of hourly consumption information or eight days of 15-minute intervals. Interval data collected via the Itron Water Fixed Network can be used to right-size commercial water meters, reduce procurement costs from over-sized meters and maximize water revenue by replacing under-sized meters where underregistration and revenue loss may be occurring.

LEAK MANAGEMENT: The 200WP's industry-leading leak detection and leak measurement features can substantially reduce both utility and customer expense by quickly identifying and sizing water leaks. When water leaks are quickly identified, sized and corrected, water utilities reduce their energy expenses (pumping and treatment), chemical purchases, maintenance and field service expenses. Water utilities can further leverage effective leak management by deferring expenditures for additional water and treatment capacity. Customers benefit when expensive leaks are corrected, their water expenses are reduced and they know they are conserving precious resources.

WATER LOSS: To minimize the possibility of water theft, the 200WP transmits a message flag if the register cable is cut or disconnected. Additionally, security seals and the ability to monitor water consumption every hour of every day can minimize water theft and increase water utility revenues. The Itron Water Fixed Network software enables a water utility to intelligently filter, analyze and prioritize meter messaging so that investigative resources can be directed to accounts where the probability of meter tamper and water leaks is highest. The 200WP also transmits a message flag to alert the utility if there are any communication problems with the water meter register, allowing water utilities to quickly identify and resolve metering problems.

SUMMARY: Powered by a long-life D-cell lithium battery, the 200WP delivers a 20-year battery life when operated under Water Fixed Network. The long battery life, the ability to connect two water meters to a single 200WP, unmatched functional capabilities and Itron's outstanding product reliability and support provide water utilities the most feature rich, price-competitive water fixed network on the market.



Materials and Specifications

- **MODEL** Water Endpoint 200WP
- **POWER SOURCE**..... 1 D-cell lithium battery
- **PROGRAMMING PARAMETERS** Transmit Bubble-Up Interval, Transmit Bubble-Up Channel, Receive Bubble-Up Interval, Meter Register Type, Data Logging Interval, Register Cable Type (2 or 3 wire), Channel Frequency, Endpoint Password, System Parameters, Leak Detection Parameters, Security Violation Tamper, Register Communication Tamper, Initial Consumption Reading, Encoder Driver, Location ID, Part Number
- **DATA SECURITY** Cut Cable, Communication Error, Reprogramming Attempts/Counter
- **OPERATING TEMPERATURES** -40°F to +158°F (-0°C to +70°C)
- **OPERATING HUMIDITY** . 100% relative humidity (RH)
- **PRODUCT IDENTIFICATION**....Numeric and bar-coded serial number
- **INSTALLATION OPTIONS**Pit-set or Wall-mount
- **APPROVED READING DEVICES**Itron Water Fixed Network Cell Control Unit, Water Endpoint Programmer
- **METER COMPATIBILITY**.....See Water Endpoint Meter Compatibility Guide
- **REGULATORY & STANDARDS**.....FCC Compliant: Part 90 verified, Industry Canada Approved: RSS142 certified IC: 864D-1430W
- **OPERATIONAL**..... Transmit & Receive Frequency: 1427 MHz to 1432 MHz, Modulation: Frequency Modulated (FM)