



Gridstream: RF Interpreter Water Module

Landis+Gyr+
manage energy better

Sealed and Secure, Two-way Water Deployment

Overview

System-wide command and control for electric and water over a single network are now a reality with Landis+Gyr's two-way Gridstream® RF Interpreter Water Module. The truly two-way, AMI device enables near real-time access to critical water assets.

Without disrupting the existing meter, the interpreter is easily mounted and deployed over the network. There are no wires and the radio and encoder are sealed within a single unit for added security and durability. The result: Life expansion of the meter and realization of the full benefits of Gridstream's robust network. The module logs water consumption values for each interval and transmits the data across the network four times per day.

From simple installation, to advanced measurements delivered, the future-ready interpreter brings a low total cost of ownership solution for the utmost in operational efficiency.

FEATURES & BENEFITS:

Why Landis+Gyr makes a difference.

- Leverages full potential and scalability of Gridstream AMI network
- No costly infrastructure add-ons required
- Supports advanced capabilities such as leak detection, reverse flow, tampering and theft
- Easily retrofits on existing meter within minutes and without service interruption
- Combined encoder and AMI RF in a single, sealed module
- Plug-and-play activation keeps deployment on-schedule
- Interoperable for future advancements in water measurement

Product Specifications: **Gridstream RF Interpreter Water Module**

Specifications

Power Supply	Two 3.6 volt AA Thionyl Chloride Lithium batteries with advanced power life management design.
Environmental Temperature Rating	-40° F to 158° F (-40° C to 70° C)
Environmental	IP68+
RF Standards and Power	FCC Part 15.247 Frequency: 902 – 928 MHz unlicensed
Data Transmission	Data is transmitted every 6 hours. Each transmission includes register read and last 24 hours of 15-minute interval data.
Possible Tamper Indications from within Command Center	Modules that have reported no usage for several days. Modules that have stopped communicating. Modules that are communicating but have never reported usage.
Universal Retrofit	Direct replacement of almost any current bayonet style register: Elster/AMCO, Mueller/Hersey, Badger, Neptune, Sensus SR II, Precision and Master Meter.
Revenue Impact Alerts	Active alerts guard against leaks, theft, tamper, and flow anomalies (stuck meter, zero flow, etc.)
Pigtail Length	6' default, up to 20' optional
Battery Warranty	20-year product warranty
Interval Data	35 days of 15-minute LP data

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