

Interpreter Water Module

Landis+Gyr's two-way RF enabled Interpreter Water Module delivers advanced water AMI communications and enhanced smart water capabilities. Leveraging the connectivity of the Gridstream® Connect platform, the device enables near real-time access to critical water assets.

Compatible with almost all existing water meters, the Interpreter Module is easily mounted to the existing meter. There are no wires, and the radio and encoder are sealed within a single unit for added security and durability. The module reads and stores the encoder's value, transmitting data across the network for more accurate readings, improved customer service, and operational efficiencies.

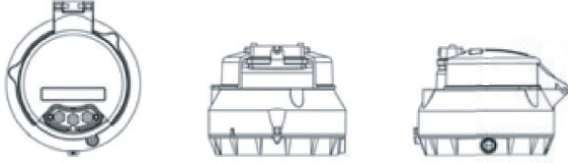
With no field programming or special tools, the module provides expedited delivery of the full benefits of the Gridstream® Connect platform and a cost-effective life expansion for the existing water meters.

FEATURES AND BENEFITS:

- Reduced cost of ownership, optimized and flexible billing, improved customer service
- Combined encoder and RF radio in a single, sealed module
- 250mW to 500mW auto-adaptive power output capability
- Utilizes edge intelligence for improved operations
- Adds smart water functionality without meter replacement
- Easily retrofits on existing meter without service interruption
- Over-the-air firmware updates for future advancements in water measurement
- Supports advanced capabilities such as:
 - Leak detection
 - Reverse flow
 - Low battery
 - Tampering
 - Theft



Interpreter Water Module Product Specifications

Parameter	Details
 <p>Water module with plastic adapter sleeve shown above</p>	
Dimensions	2.5" Height, 3.2" Width (widest point to widest point)
Weight	.5 lbs
Installation and Environmental	
Universal Retrofit	Direct replacement of almost all current bayonet style registers: Elster/AMCO, Mueller/Hersey, Badger, Neptune, Sensus SR II, and Master Meter.
Environmental Temperature Rating	-4° F to 149° F (-20° C to 65° C)
Ingress Protection Rating	IP68
Non-Replaceable Battery	
Power Supply	One 3.6-Volt C lithium battery with advanced power life management design.
Radio	
RF Standards and Power	FCC Part 15.247. Frequency: 902 – 928 MHz unlicensed operation. 250mW to 500mW auto-adaptive power output capability. •250mW, 4x daily with current read plus last 24 hours of 15 minutes interval data. OR •500 mW, 2x daily with current read plus last 24 hours of 15 minutes interval data
Data Transmission	Flexible network transmission: 4x daily default options of 1, 2, 4, 6, 8, 12 or 24 hour transmissions. Each transmission includes the register read and last 24 hours of 15-minute interval length (user configurable 15, 30, or 60 minutes).
Supported Functionality	
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.
Revenue Impact Alerts	Active alerts guard against leaks, theft, tamper, and flow anomalies (stuck meter, zero flow, etc.).
Read Data	45 days of 15-minute; 90 days of 30-minute; 180 days of 60-minute Full Register Read data.
Protocol Support	RF Mesh, RF Mesh IP

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