Gridstream:
RF Pit
Water Module

Landis **Gyr** +
manage energy better

Cost-Effective and Advanced Two-Way Water Metering

Overview

Landis+Gyr's two-way Gridstream® RF Pit Water Module paves the way for system-wide command and control of electric and water over a single RF mesh network. The truly two-way, AMI device enables near real-time access to critical water assets.

For simple and expedited installation, the pit module directly connects to the existing three-wire encoder and deployed over the Gridstream network. The result: Life expansion of the meter and realization of the full benefits of Gridstream's robust network. The module reads and stores the encoder's value at the end of each interval and transmits data across the network four times per day.

From flexible features, to advanced measurements delivered, the future-ready pit module brings a low total cost of ownership solution for maximum 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 connects to existing encoder without service interruption
- Plug-and-play activation keeps deployment on-schedule
- Interoperable for future advancements in water measurement

::: **Gridstream** RF

Specifications

Power Supply	Two 3.6 volt AA Thionyl Chloride Lithium batteries with advanced power life management design.
Environmental Temperature Rating	-4° F to 158° F (-20° C to 70° C)
Environmental	IP68+
RF Standards and Power	FCC Part 15.247 for 902-928MHz unlicensed operation
	Frequency: 902 – 928 MHz unlicensed up to 500mW auto-adaptive power output capability
Data Transmission	Data transmission is also configurable for 1, 2, 4, 6, 8, 12, 24 hours (default is every 6 hrs)
	Each transmission includes last 24 hours of default 15 minutes interval data (user configurable 1, 5, 15, 30, or 60 minutes)
	Immediate alarm transmission
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	Interfaces to most any current bayonet style register: Elster/AMCO, Mueller/Hersey, Badger, Neptune, Sensus SR II, Precision and Master Meter.
Connector Options	Gel Caps
	Nicor
	Itron
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