

FIREFLY[®] for Gas Meters

The FIREFLY for Gas Meters represents a breakthrough in AMR technology. It is the first solution to deliver fixed network-level data at a mobile AMR price point.



The FIREFLY Meter Interface Unit (MIU) forms the foundation of Datamatic's data collection solution for residential and commercial gas meters.

ProfilePLUS[™] Usage Profiling

The FIREFLY's patented ProfilePLUS Usage Profiling capability archives usage data at user-defined intervals for wireless retrieval and analysis. When set to record hourly intervals, each Gas FIREFLY holds more than 330 days of usage data. ProfilePLUS can be used as a tool for settling usage disputes, demand

studies, tiered billing, right-sizing meters/distribution infrastructure and more.

Models available for residential and C&I meters

Settle usage disputes

Perform detailed load studies

Right-size distribution infrastructure

Field-replaceable battery

Quick installation

Meter Independence

Because of their unique design, FIREFLY MIUs are compatible with most residential and commercial gas meters (including correctors). Wider compatibility means fewer meter changeouts and lower costs.

The FIREFLY for Gas Meters also includes a field-replaceable lithium battery and environmentally-sealed circuitry to ensure reliable performance in the harshest environments.

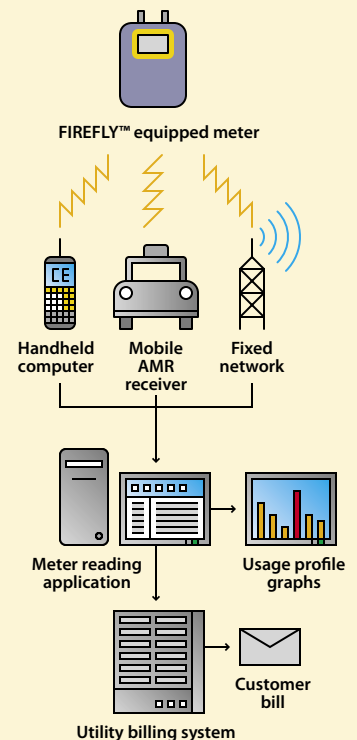
The FIREFLY AMR System includes products for water, gas and electric meters as well as walk-by, mobile, and fixed network collection options, providing a complete solution for multi-utility data collection.

How it works

The FIREFLY MIU transmits current reading, tamper and leak info over RF. MIUs also store usage data at user-defined intervals for later retrieval and analysis.

ROADRUNNER handheld, mobile and fixed network receivers capture and carry data back to the meter reading application.

The RouteSTAR meter reading application receives uploaded data from ROADRUNNER receivers. It delivers rich, customizable reporting features and manages the information transfer to and from your utility billing system.



Specifications

Technical

Frequency: 902-928 MHz (ISM Band)
FCC Licensing: Exempt under Part 15
Transmission Interval: User-defined
1 second to 18.2 hours
Operating Temperature: -40°F to +185°F
Battery: Replaceable Lithium

Compatibility

Models for the following manufacturers:
Actaris
American Meter
Dresser
Equimeter
Invensys
Rockwell
Roots
Schlumberger
Sprague

ProfilePLUS Usage Profiling

Profile Data Interval: User-defined
1 minute - 4.25 hours
Profile Data Capacity:
330.6 days @ 60 minute intervals

RF Message Contents

Meter ID
Meter Reading
Leak Flag
High Usage Flag
Tamper Flag
Low Battery Flag

ProfilePLUS Graph Example

The usage data is unusual; near-perfect in its consistency. This pattern often indicates an undersized meter. The meter measures up to its max flow rate and no more.



For more info,
contact us today.

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