3G® Gas Module

For Competitive Brand Gas Meters

Gas Meters Unite... With a Single Read System

Master Meter’s proven 3G AMR system is uniting all utilities—including Gas. Our 3G Gas Modules provide a simple upgrade that is compatible with over 95% of the installed residential gas meters in the United States. Take advantage of already installed gas meters—both new and old—and migrate to leading Mobile (Drive-by) AMR technology that is well positioned for migration to advanced Fixed Network / AMI solutions.

Efficient Reads. Quality Data.

Our award-winning 3G technology delivers far more than efficient, mobile wireless read collection. We integrate advanced reporting features into each 3G Gas Module that empower your utility with rich data collected at every metered point. 4,000 Read Data Logging, with customer defined resolution, helps paint a clear picture of gas use throughout each billing cycle. This data, when shared with customers, can help positively impact resource management efforts and quickly dispel any potential billing disputes.

Features & Benefits:
- Easy Retrofit Design Saves Labor Costs on Deployment
- Automatic Self-Activation Simplifies Installation Time
- Upgrade Existing Meters Whether New or Decades Old
- Available for approximately 95% of Residential Meters Installed in the U.S.
- IP-65-Rated Housing with Uniformly Coated Electronics Delivers Leading Environmental Protection
- RF Field Programmable (optional user-defined settings)
- Universal XTR™ Option Provides Integration for Commercial Meters
- Proactive Low Battery Alerts
- Easy Installation and Auto Activation

4,000 Read Data Logging
- Scalable with Customer Defined Resolution
- Provides Detailed Usage Profiles
- Help Customers Make Informed Decisions on Gas Use

Read:
- FixedLinx™ Fixed Network AMI
- Drive-By AMR - 3G Mobile™
- Proximity/Wand Read - 2G
- Direct Read/Manual

Easy to Install | Widely Compatible | Detailed Reporting | AMR/AMI Migratable
**TECHNICAL SPECIFICATIONS:**

**Description** - DIALOG 3G External Transceiver is a true two-way RF transceiver operating within the FCC unlicensed ISM Band 902-928 Mhz.

**Size** - 2 ¼” x 8 5/16” x 3 7/16” (height, width, depth). Exact measurements may change slightly depending upon specific meter being retrofitted.

**Environmental** - DIALOG 3G RF Transceiver housed within an IP-65 rated high density ABS enclosure. Uniform Coating Process provides further protection against moisture and condensation caused by osmosis. Operating temperatures from -40° F to +140° F.

**Battery Operated** - Equipped with two 3.6 volt lithium-thionyl chloride batteries. Battery life is covered by Master Meter’s Dialog 3G component warranty.

**RF Field Programmable** - Optional programming with 3G Technician Software to modify data logging, registration, and other user-defined parameters.

**FCC Regulatory Certification** - Certified to operate in the United States under FCC Part 15

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**READ SYSTEM**

**DIALOG 3G Walk-By/ Drive-By Handheld System**

- IP-65 & Ruggedized IP-68 Environmentally Rated Handheld Designs are Available.
- Master Meter DMMR Receiver
- Plug & Play Charging and Communication Cradles
- MasterLinx™ Data Collection System
- Master Meter 3G Technician Software
- Comprehensive On-site Installation & Training
- Dedicated Quality Service & Support

**DIALOG 3G Wireless RF Drive-By System**

- Ruggedized Panasonic ToughBook Field PC or equivalent.
- Master Meter DMMR Receiver
- MasterLinx™ Data Collection System (GPS Receiver and MAPS included)
- Master Meter 3G Technician Software
- Installation & Training
- Service & Support

**Fixed Network AMI Solution**

- Utilizes 3G Technology Backbone with Simultaneous Mobile AMR and Fixed Network AMI Data Collection Capabilities.

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**Gas AMR Transmitter - Meter Compatibility Chart**

<table>
<thead>
<tr>
<th>MM Model #</th>
<th>Meter Manufacturer</th>
<th>Compatible Meter Models</th>
</tr>
</thead>
<tbody>
<tr>
<td>American-1</td>
<td>American Meter</td>
<td>W75AL, AL175, AC175, AT175, ALC175, AT210, AL225, AL250, AR250, AC250, AT250, AM250, AL310, AL350, AT350, AL425, AC630</td>
</tr>
<tr>
<td>Sensus-2</td>
<td>Rockwell/Equimeter/Invensys/Sensus</td>
<td>R175, R200, RT200, RT230, R275, RT275, R315, 250, 310, S110, S200, S120, T120, T110, R415, RT100, RT360, MR8, MR12, S175, 175S (Mod. E)</td>
</tr>
<tr>
<td>Actaris-3</td>
<td>Sprague/Schlumberger/Actaris</td>
<td>175, 175WC, 210, 240, 250, 250WC, METRIS 250, 400, 400A</td>
</tr>
</tbody>
</table>

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**Exploded View**