



DIALOG 3G - Wireless RF

Our award-winning
DIALOG 3G has changed the
rules of the meter reading game.



"Master Meter has quietly revolutionized the water segment of the AMR market with its third generation AMR product called Dialog 3G, a wireless system fully integrated into the register of the water meter. Utilities now have a welcome alternative mobile RF AMR system at very attractive prices that has been rated as excellent by the utilities."

- Frost & Sullivan

DIALOG 3G is an innovative AMR solution offering several unique, patented advantages. The product features a wireless two way RF transceiver incorporated inside the meter register. The RF unit is enclosed within a permanently sealed register providing absolute protection against water intrusion and eliminating the need for external connections.

DIALOG 3G is the solution for specific problems facing water utility and sub metering customers. A unique miniature transmitter receiver utilizes the most recent technology to provide the meter reader with reliable, accurate readings as well as automatic detection of tampering, leaks, and backflow situations.

DIALOG 3G is an absolute encoder by determining the actual position of the odometer wheels, so the electronic reading will always match the odometer reading.

Meters equipped with DIALOG 3G are preprogrammed at the factory so they arrive ready for installation. Two way communication enables programming in the field, if desired.

U.S. Patent No. 6,819,292. Others pending.

BENEFITS & FEATURES

- **Digital Encoder**
- **Superior moisture protection**
- **No external connections**
- **Detects tamper, leaks, backflow**
- **Easy Installation**
- **No Programming**

TECHNICAL SPECIFICATIONS

Description	A two-way wireless radio that reads forward and backward flow of water through the meter. Provides leak and backflow detection.
Sealed Transmitter	RF Transceiver is integrated inside a permanently sealed register consisting of glass and stainless steel differentiating it from other AMR systems utilizing a plastic enclosure.
Battery Operated	Equipped with two 3.6 volts Lithium-Thionyl Chloride batteries for long operational life (approx. 10 yrs.)
Frequencies	Operates within the licensed exempted ISM Band 902 - 928 MHz.

Environmental	Operating temperatures from -40 °C to 60 °C (4 °F to 140 °F) with an IP-68 water submersion rating.
Odometer Transmits	"Reads" position of all 6 odometer wheels and transmits "true meter reading."
Easy Installation	No external wires that can be cut or tampered.
FCC Regulatory Certification	Certified to operate in the United States under FCC Part 15.

See reverse side for more specifications »

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RELATED INFO

Frost & Sullivan reports:

“Although Master Meter prefers to follow a low-key approach to marketing, the water utilities are anything but quiet about the new system. It is being discussed at water utility association meetings as the elite system without an elite price.”

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

SYSTEM COMPONENTS

- Radix FW230, Radix FW300, or Radix FW500
- DIALOG 3G Transceivers -Types: Integrated, External, 3G-WR (Wireless Retrofit)
- Master Meter MMR Receiver
- Charging and Communication Cradles
- Radix Utility Management Software (UMS)
- Installation & Training
- Service & Support

DIALOG 3G Drive-By System

SYSTEM COMPONENTS

- Model 48 Panasonic ToughBook PC
- Gamber-Johnson Mobile Pedestal OR
- Briefcase Style enclosure
- Master Meter MMR Receiver
- DIALOG 3G Transceivers -Types: Integrated, External, 3G-WR (Wireless Retrofit)
- Greentree RMS-Win Route Management Software
- Master Meter 3G Technician Software
- Greentree 3G CheckIt Software
- Greentree RMS-Maps Software
- Installation and Training
- Service & Support

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