



DIALOG 3G External Transceiver

The patented AMR solution offering unmatched advantages



DIALOG 3G features a wireless two-way RF transceiver. The RF unit is housed within a high density ABS enclosure and further sealed with an electrostatic gel that eliminates moisture intrusion. DIALOG 3G is the solution for specific problems facing water utility and submetering customers.

A unique miniature transmitter/receiver utilizes the most recent technology to provide the meter reader with reliable, accurate readings. The DIALOG 3G external transceivers are preprogrammed at the factory so they arrive ready for installing. Two-way communication enables programming in the field, if desired. DIALOG 3G can be attached to most water meters that are AMR ready.

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

BENEFITS & FEATURES

- Easy installation
- Superior moisture protection
- Field-programmable
- Available in 3 models: Single-pulse, Dual-pulse, and Encoder
- Easily retrofits many competitive brands of water meters

TECHNICAL SPECIFICATIONS

Description DIALOG 3G-DS External Transceiver is a true two-way RF Transceiver. Each unit may be attached to a maximum of four single switch inputs, two dual switch inputs, or one encoder input.

Compatible with:

- Sensus ECR II and ICE Encoders
- Badger RTR
- Hersey ER2 Switch Output or Translator Encoder
- AMCO Pulser or Scancode
- Neptune ARB V and ARB VI
- other compatible single- or dual-switch outputs

Size 125 mm x 75 mm x 40 mm (5" x 3" x 1-1/2") (height, width, depth)

Sealed Transmitter DIALOG 3G-DS RF Transceiver housed within a high density ABS enclosure and further sealed with an electrostatic gel that eliminates moisture intrusion.

Battery Operated Equipped with two 3.6 volts Lithium-Thionyl Chloride batteries (20 year calculated.)

Frequencies Operates within the licensed exempted ISM Band 902 - 928 MHz.

Environmental Operating temperatures from -40 °F (-4 °C) to + 140 °F (60 °C) with an IP-68 water submersion rating.

Easy Installation Field programmable. Comes with its own wall mounting bracket.

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

DIALOG 3G External Transceiver

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-DS Walk-By/Drive-By Handheld System

SYSTEM COMPONENTS

- Radix FW300, Radix FW500, or JETT•ce Handheld Computer
- DIALOG 3G-DS Transceivers-Types: Integrated, External, 3G-DS-WR (Wireless Retrofit)
- Master Meter E-MMR Receiver
- Charging and Communication Cradles
- Radix Utility Management Software (UMS) or MasterLink Data Collection System (GPS Receiver and MAPS included)
- Installation & Training
- Service & Support

DIALOG 3G-DS Wireless RF Drive-By System

SYSTEM COMPONENTS

- Panasonic ToughBook PC
- Gamber-Johnson Mobile Pedestal
- Master Meter E-MMR Receiver
- DIALOG 3G-DS Transceivers-Types: Integrated, External, 3G-DS-WR (Wireless Retrofit)
- Greentree MasterLink Data Collection System (GPS Receiver and MAPS included)
- Master Meter 3G Technician Software
- Greentree 3G CheckIt Software
- Installation & Training
- Service & Support

Distributed by:

©2005 Master Meter, Inc. All rights reserved. DIALOG and Master Meter are registered trademarks of Master Meter, Inc. Master Meter reserves the right to make modifications to the products described herein at any time and without notice. U.S. Patent No. 6,819,292, Patent No. 6,954,178. Others pending. EnviroBrass® is a registered trademark of ASARCO.

MMDS D3GDSET_CEN Rev16/05/06



Master Meter Canada • 100 Lansdowne Street, Suite 207 • St-Bruno, Québec J3V 0B3
Toll free: 1 866 761-1535 • Phone: (450) 461-1535 • Fax: (450) 461-3720

www.mastermeter.ca
infocanada@mastermeter.com