

DRC-012G

Smart Grid IoT Controller for Remote Monitoring for EDMI Energy Meter



EDMI Meter



UNIQUE

Core Capabilities

- Remotely Monitor Real-Time Data from EDMI Energy Meters
- Receive Instant Alerts When Anomalies Occur in EDMI Energy Meters
- Inspect and Track EDMI Energy Meters Anytime, from Anywhere



Why Is It Required to Use DRC-012G with Existing EDMI?



The DRC-012G are engineered to transform existing energy meters, specifically for the EDMI model, into advanced digital smart meters.

This cutting-edge solution provides utilities with real-time data monitoring, abnormal detection, and power quality enhancement, driving energy efficiency and grid reliability.

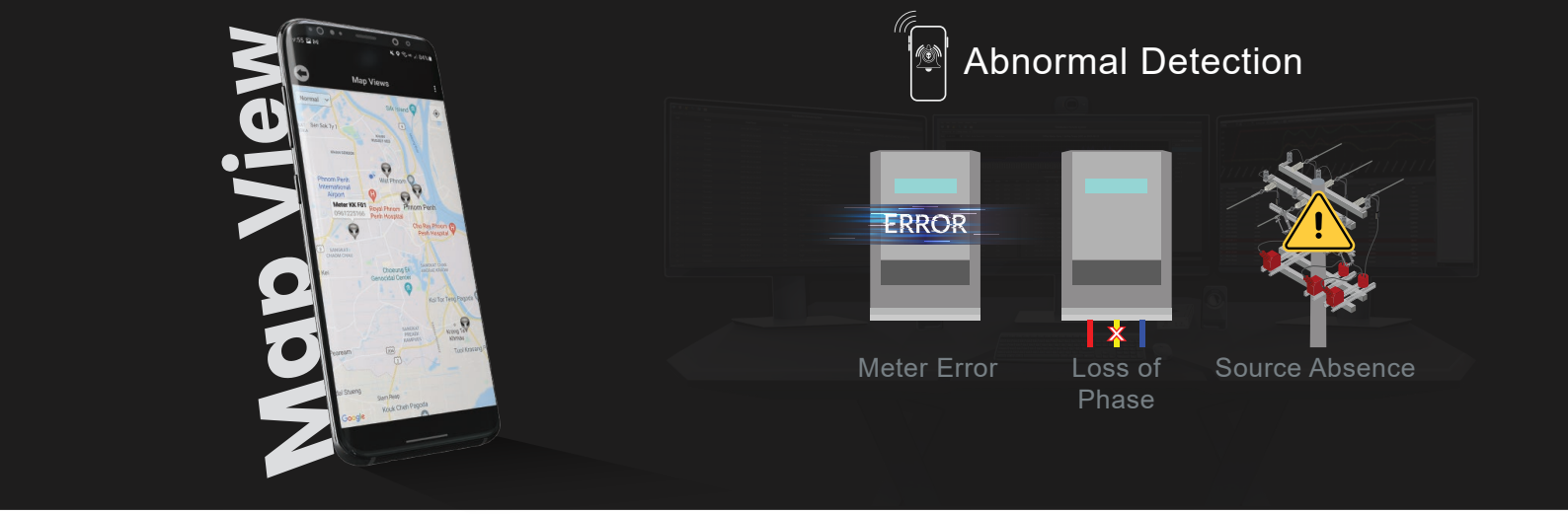
With advanced features such as real-time alarms, secure data encryption, and comprehensive tracking capabilities, the DRC-012G empowers operators to make informed decisions and optimize resource management across distributed energy grids.



▲ Installation is quick and easy.



▲ DRC-012G with Meter



What Are the Key Features of DRC-004G?

Real-Time Data Monitoring

The DRC-012G allows operators to monitor power, current, voltage, power factor, frequency, active power, and reactive power of the EDMI meter. Additionally, it offers the ability to generate billing reports, eliminating the need for manual on-site. This smart feature reduces operational costs and enhances the cost-efficiency of utilities.

Alarms & Notifications

The DRC-012G sends alarms & notifications in the event of a source supply off, loss of phase, low current warning, door open, and during maintenance activities. This feature is essential not only for operational purposes but also for safeguarding the meters against potential harm.

DRC-012 Alarms Notification



Loss of Phase



Door Open



Source Absence



Communication Maintenance



Low Current Warning

Abnormal Detection

Through real-time data, utility operators can monitor and understand the abnormalities occurring on the energy meters including meter errors, CT or VT broken, voltage drops, and unbalance phase.

Alarms When Anomalies Occur

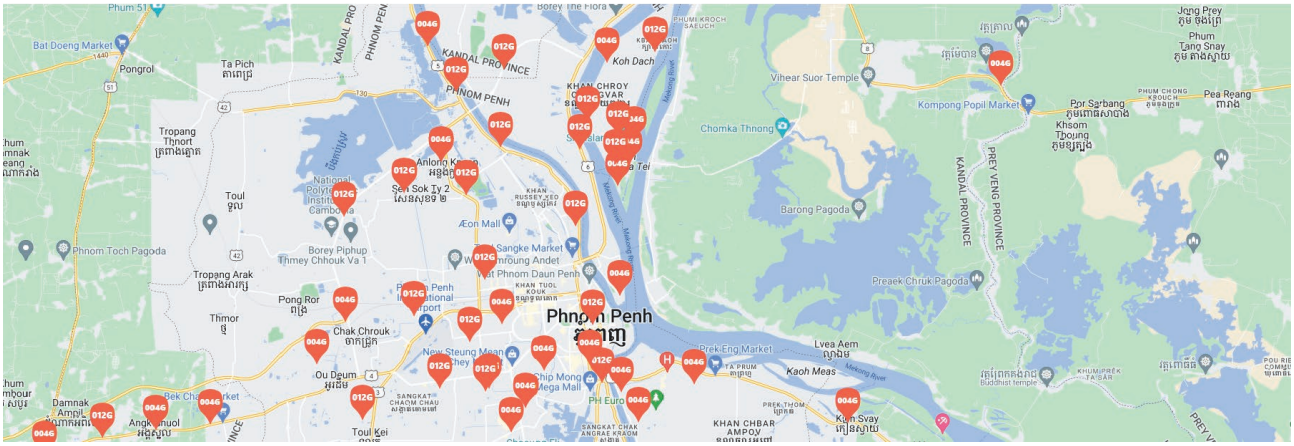
- Meter Error
- CT or VT Broken
- Voltage Drop
- Phase Unbalance

Data History & Reporting

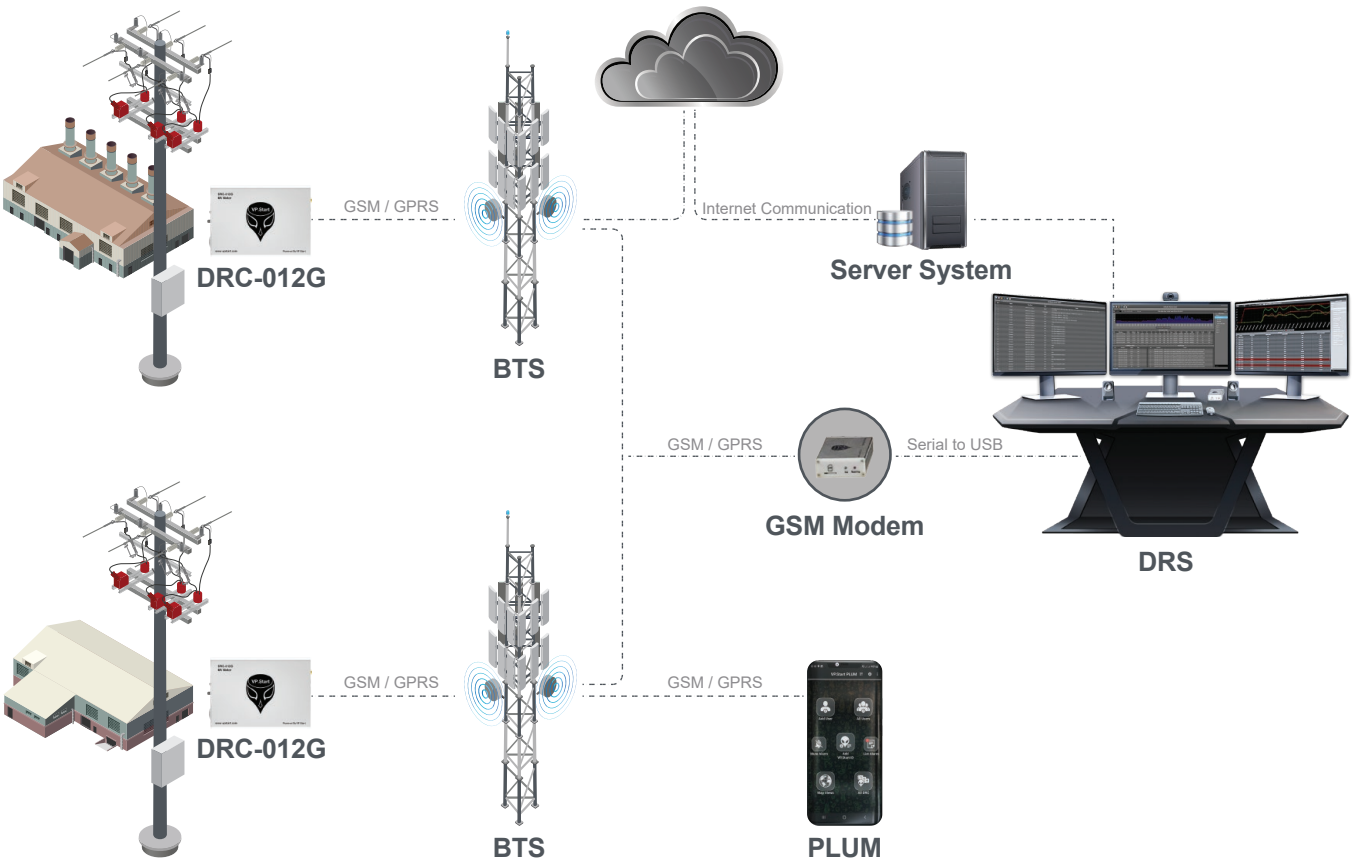
This exceptional feature stores diverse reports for analysis, enabling operators to make prompt decisions to enhance network management effectively.

Map View

The Map function pinpoints the precise location of DRC-012G, facilitating quick identification during fault occurrences and enhancing the efficiency and convenience of network management.



System Architecture





▲ DRC-012 Installation