

DRC-004G

Smart Grid IoT Controller for Landis+Gyr Energy Meter



Landis +Gyr



UNIQUE

Core Capabilities

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



Why Is It Required to Use DRC-004G with Existing Landis +Gyr?



The DRC-004G is engineered to transform conventional energy meters (specifically Landis+Gyr models) into advanced digital smart meters with rapid project delivery.

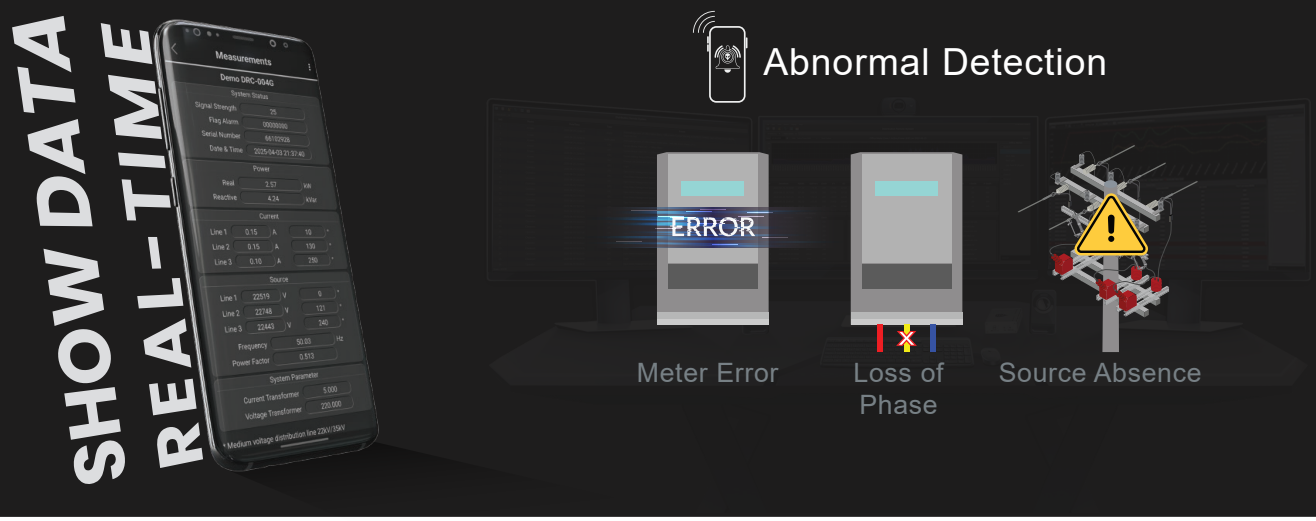
This innovative solution empowers utilities with real-time data monitoring, anomaly detection, and power quality optimization, driving operational efficiency and grid reliability.
With our user-friendly management system, Distribution Remote System (DRS), operators can solve meter-related problems efficiently from the control room, eliminating the need for physical interventions.



▲ DRC-004G is preparing to pack



▲ DRC-004G for digital modernization of Landis +Gyr



What Are the Key Features of DRC-004G?

Real-Time Data Monitoring

The DRC-004G enables utilities to monitor real-time data from energy meters, including phase balance, voltage drops, phase loss, peak consumption per consumer, and other critical metrics—all accessible in the palm of their hands. This capability is key to enhancing power quality, reducing energy losses, and improving energy efficiency. Moreover, these devices can generate billing reports automatically, eliminating the need for manual on-site recording by operators, making the energy meter management more resilient, efficient, and reliable.

Abnormal Detection

What if the energy meters are error, CT or VT broken?
What impact will utilities face if those issues arise without receiving quick information?
With the DRC-004G those critical issues are completely resolved. Utilities do not need to worry about any failures that occur with energy meters anymore. Having DRC-004G is like having the bodyguard to protect and alert everything happening with your energy meters.

Alarms When Anomalies Occur

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

Alarm & Notification

The DRC-004G sends alarms & notifications in the event of a source supply off, loss of phase, low current warning, door open, and communication lost. This feature is essential not only for operational purposes but also for safeguarding the meters against potential harm.

DRC-004 Alarms Notification



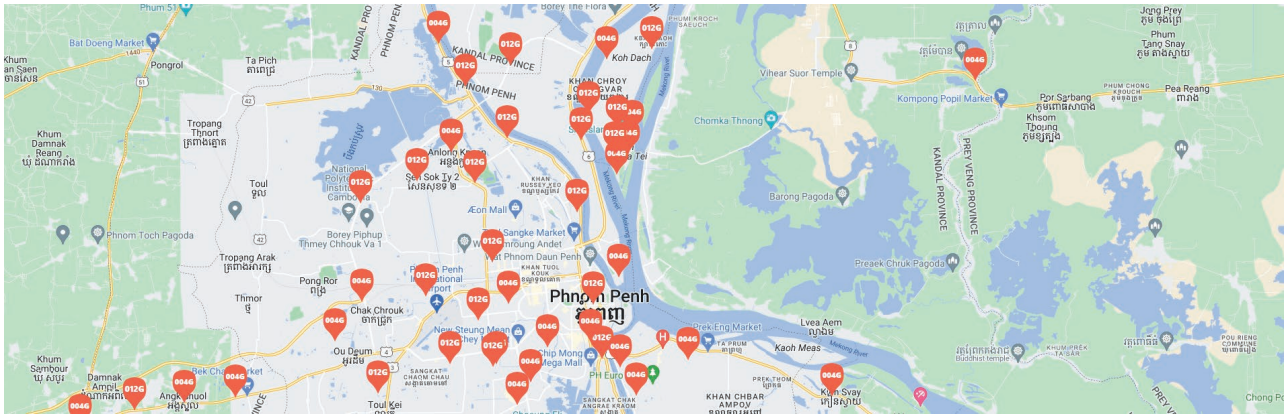
Loss of Phase | Door Open | Source Absence | Communication Maintenance | Low Current Warning

Data History & Reporting

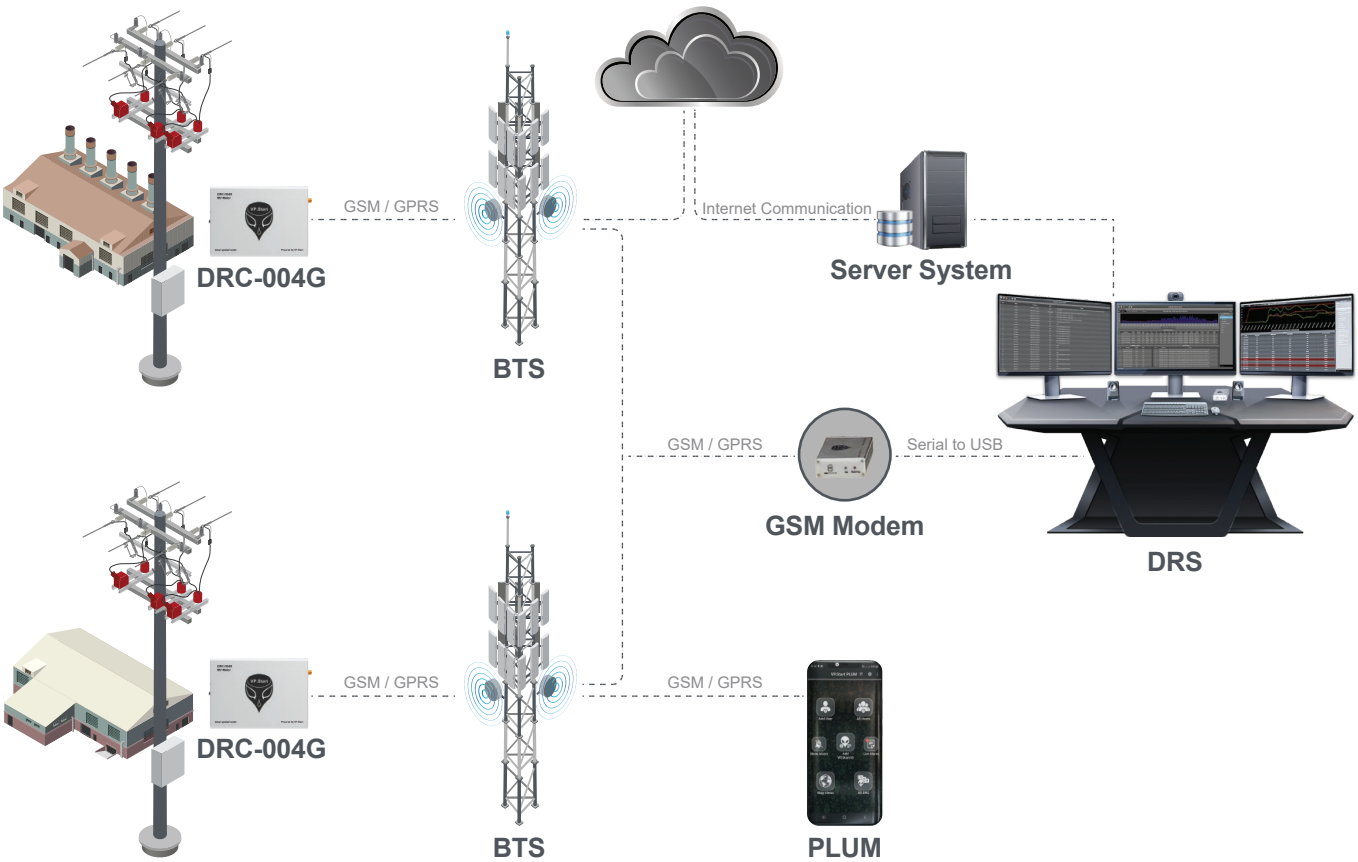
This outstanding feature saved various reports in every event that occurred for analysis and allowed the operators to create a prompt decision making to improve the network management.

Map View

Map function pinpoints the exact location of DRC-004G to swiftly identify in the event of faults, enhancing the efficiency and convenience of network management.



System Architecture





▲ Quick Installation