

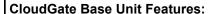
# CloudGate CG9104-900MT-A

Cellular to Monnit™ ALTA interface

CloudGate M2M LTE gateway is certified on all major US cellular operators with global versions available. The CG9104-900MT-A peripheral board connects the popular 433 MHz, 868 MHz and 900 MHz Monnit™ ALTA sensors to CloudGate.

The combination of CG9104-900MT-A and CloudGate offers unmatched wireless gateway capability to battery operated, lowpower, low-cost sensor networks.

CloudGate and CG9104-900MT-A is fully backed by a 3-year warranty, technical support and application assistance from BiPOM.



- Fast Cortex processor
- Linux OpenWRT development platform
- CloudGate Universe provisioning server
- 10/100 Mbps RJ45 Ethernet Connector
- Global Positioning System (GPS)
- Optional Wi-Fi Card available
- **Dual Expansion card slots**
- Case size: 115 mm × 105 mm × 45 mm
- Temperature Range: -30° to 70°Celsius
- Certification: CE/FCC/IC



### 900MT Features:

- Monnit™ RFSC Wireless Module
- Temperature Range: -30° to 70°Celsius
- One Reverse SMA (male) connector for antenna
- Use with stub antenna or extender cable
- Powers from CloudGate
- Low power consumption: Under 100mA
- Power on/off under software control
- Uses FCC Certified module from Monnit™

#### Software:

- BiPOM Developer Image for CloudGate
- Collects data from sensor network
- Pushes data to iMonnit™, BiPOM Portal or customer's own portal based on period and alarms

#### Plug-In Peripherals



### **Example Applications:**

- Oil and Gas Monitoring
- Irrigation
- Generator Set Monitoring
- **Energy Monitoring**
- **Utility Meter Remote Monitoring**
- **Factory Automation**
- Vibration Monitoring
- Sensor Networks
- **Medical Devices**
- Asset Tracking



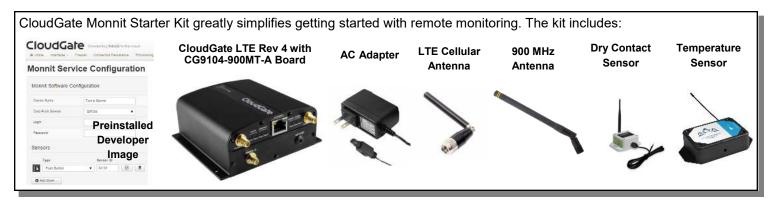
## Ordering Information:

- CG9104-xxxMT-A peripheral board with Monnit™ ALTA module where xxx=433,868 or 900 based on frequency
- CG9104-xxxMT-SK includes CloudGate, antennas, adapter and peripheral board with Monnit™ ALTA module





# **CloudGate Monnit** <sup>™</sup> Starter Kit



# **CloudGate Monnit™Sensor System**

