CloudGate 900MT

Cellular to Monnit™ interface

The new CloudGate M2M 3G/LTE gateway is certified on all major US cellular operators with global versions available. The 900MT peripheral board connects the popular Monnit™ 900 MHz sensors to CloudGate.

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

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

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

CloudGate Base Unit Features:
- 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

Plug-In Peripherals

Target 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:
- CG9104-900MT peripheral board with Monnit™ module
- CG9104-900MT-SK includes CloudGate, antennas, adapter and peripheral board with Monnit™ module

More details and Technical Manual are available for download at http://www.bipom.com

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CloudGate Monnit™ Starter Kit

CloudGate Monnit Starter Kit greatly simplifies getting started with remote monitoring. The kit includes:

- CloudGate 3G with CG9104-900MT Board
- AC Adapter
- 3G Cellular Antenna
- 900 MHz Antenna
- Dry Contact Sensor
- Temperature Sensor
- Preinstalled Developer Image

CloudGate Monnit™ Sensor System

- Temperature Sensor
- Asset Sensor
- Light Sensor
- AC Voltage Sensor
- Humidity Sensor
- Accelerometer
- CO Sensor

Example Application
Remote Monitoring Gateway

www.bipom.com