



CloudGate SiFlex

Cellular to LSR SiFlex interface

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

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

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



SiFI Features:

- LS Research™ SiFlex 900MHz 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 LS Research

CloudGate Base Unit Features:

- Fast ARM9 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 x 105 mm x 45 mm
- Temperature Range: -30° to 70°Celsius
- Certification: CE/FCC/IC

Software:

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

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:

- **CG9105-SiFI** with LS Research SiFlex™ module

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