



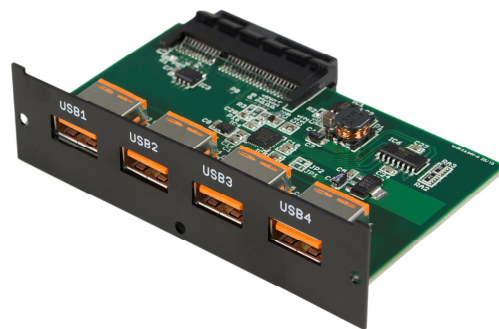
CloudGate 4USB

Cellular to USB interface

The new CloudGate M2M 3G/LTE gateway is certified on all major US cellular operators with global versions available. The 4USB peripheral board connects many off-the-shelf USB “gadgets” to CloudGate for building advanced remote monitoring systems.

The combination of 4USB and CloudGate offers unmatched wireless gateway capability to battery operated, low-power, low-cost sensor networks.

CloudGate 4USB is fully backed by a 3-year warranty, technical support and application assistance from BiPOM.



4USB Features:

- 4 USB Ports
- High retention ports for high vibration tolerance
- Electronically current limited and protected
- Powers from CloudGate
- Low power consumption: Under 100mA
- Power on/off under software control
- Temperature Range: -30° to 70°Celsius

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 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 a mixture of sensor networks through the use of appropriate USB dongle
- Compatible with BiPOM Web Portal or customer's own portal for data push to cloud
- Some dongles are supported by LuvitRed TM

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:

- **CG9106-4USB** peripheral board
- **CG9106-4USB-SK** includes CloudGate, antennas, adapter and CG9106-4USB peripheral board

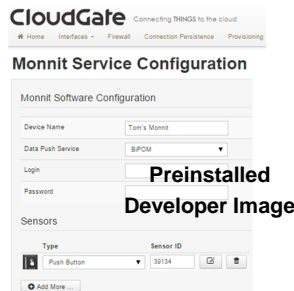
More details and Technical Manual are available for download at <http://www.bipom.com>

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CloudGate 4USB Starter Kit

CloudGate 4USB Starter Kit greatly simplifies getting started with remote monitoring. The kit includes:



CloudGate 3G with CG9106-4USB Board



AC Adapter



3G Cellular Antenna



USB Bluetooth Dongle



SensorTag 6 sensors in one



USB Peripherals



USB Bluetooth



USB/RS485



USB LORA



USB Monnit



USB WiFi



USB ZigBee



USB Webcam



USB/RS232



USB/Ethernet



USB Flash Drive



USB Hard Drive

Example Application Remote Monitoring Gateway



Enclosure



Solar Power



CloudGate



Li-Ion Cell



Camera



ZigBee, Monnit™ Bluetooth environmental sensors

