CloudGate

ACCESSORIES

EXPAND THE FUNCTIONALITY
of CloudGate

- Reducing stocking and deployment costs
- Unique software and hardware configuration flexibility
- As simple or full featured as you need it to be

CloudGate

The CloudGate is an Intelligent M2M gateway from Option which provides LAN to WWAN routing and GPS functionality in a single basic unit. On top of the basic functionality the CloudGate can be tailored to meet your specific requirements by adding additional software and hardware, going from wired and wireless modules to designing your own expansion module, now or when a future need arises. Just make it as simple or full featured as you need it to be.

WiFi expansion card

- 802,11abgn
- Simultaneous access point and client mode
- Failover to Wireless LAN client for WAN connectivity
- Dual SSID

Low cost serial card

- 1 serial port RS-232 921,6Kbaud maximum speed

Industrial serial card

- One RS-232 serial port. 921,6 Kbaud maximum speed
- One 2KV isolated RS-485 serial port. 921,6 Kbaud maximum speed, Full duplex or half duplex, 2 wire or 4 wire. Switchable termination.

Ethernet switch

- 4 port 10/100 Base-T, μSD card
- 4 port 10/100 Base-T, μSD card with 2 ports Class 4 PoE or 4 ports up to Class 3 Power Over Ethernet (POE) to allow you to power external devices. (requires special power supply)

Developer card

- Extended format card with headers for all interfaces
- Includes headers for access to USB, USB on the go, RS-232, I2C, SPI/SD and GPIO lines.
- On board temperature sensor, relay, SD card slot and RS232 serial port

www.option.com

DataSheet_v1.0

1. Configure CloudGate provisioning server

2. Configuration and customized middleware are automatically installed

3. Device is ready to connect things to the cloud