

# CloudGate

## EXPANSION CARDS



## 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



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.

## WLAN expansion card



- 802.11 a/b/g/n
- 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,  $\mu$ SD card or
- 4 port 10/100 Base-T,  $\mu$ SD 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)

## Telematics card



- Adds flexible I/O and connectivity for industrial telematics applications to CloudGate
- Built in 3 axis accelerometer for movement detection and other applications
- Dual SIM card reader for backup or roaming SIM
- Built in microcontroller offloads all I/O from CloudGate

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1. Configure CloudGate provisioning server



2. Configuration and customized middleware are automatically installed



3. Device is ready to connect things to the cloud

