

## CloudGate Expansion Cards:

### Data Logger/RTU/PLC/IO



Data logger and PLC with 2 analog in, 4 digital in, 2 digital out, RS232/RS485.

### ZigBee + Bluetooth



Bluetooth and ZigBee (XBee and XBee Pro).

### Dual RS232, USB, microSD



Two RS232 and one USB Host/OTG expansion board with microSD socket.

### Monnit® ALTA



Connects low power wireless Monnit® ALTA sensors to cellular networks through CloudGate.

### SiFlex 900MHz



Connects low power 900MHz SiFlex™ wireless modules to cellular networks through CloudGate.

### Four USB



Connects off-the-shelf USB "gadgets" to CloudGate for building advanced remote monitoring systems.

### RS232



RS232 serial port

### RS232 + RS485



RS232 and RS485 serial ports

### WiFi



WiFi Client and WLAN Access Point

### 1-port Ethernet



Single ethernet port

### 4-port Ethernet non-PoE



4-port ethernet switch, without power over ethernet (PoE)

### 4-port Ethernet PoE



CloudGate 4-port ethernet switch peripheral card, with power over ethernet (PoE)

### Telematics



Telematics expansion card with USB, CAN, accelerometer, I/O

### Development Board



Development card with access to CloudGate I/O

### Breadboard



Breadboard card with USB

### LoraWan



The LoRaWAN base station expansion card connects Lora sensors to the Cloud.

### Bluetooth Low Energy (BLE)



Bluetooth Low Energy (BLE) card (nRF52)

### Monnit® ALTA Rear Slot



Connects low power wireless Monnit® ALTA sensors to cellular networks through CloudGate.

### Smart Metering



I/O card with USB and MBUS. Ideal for smart building, street cabinets & energy optimization. 5 GPIO, 2 ADC, 1PWM, I2C, RS232/RS485

### Smart City



Full-fledged Smart City Solution. 8 ADC, Digital output, I2C, RS485, MicroSD, 2 USB.

MODULE	MODEL	TYPE	SLOT	MANUFACTURER
Data Logger/RTU/PLC/IO	CG9101-nanoWiPOM	GPIO, ADC, MODBUS, RS232, RS485, MicroSD	Front	BiPOM
ZigBee + Bluetooth	CG9102-MultiWireless-NM	Wireless - 900MHz or 2.4GHz	Front	BiPOM
ZigBee + Bluetooth	CG9102-MultiWireless-ZB	Wireless - 900MHz or 2.4GHz	Front	BiPOM
ZigBee + Bluetooth	CG9102-MultiWireless-BT	Wireless - 900MHz or 2.4GHz	Front	BiPOM
ZigBee + Bluetooth	CG9102-MultiWireless-BT-ZB	Wireless - 900MHz or 2.4GHz	Front	BiPOM
ZigBee + Bluetooth	CG9102-MultiWireless-ZBPRO	Wireless - 900MHz or 2.4GHz	Front	BiPOM
ZigBee + Bluetooth	CG9102-MultiWireless-BT-ZBPRO	Wireless - 900MHz or 2.4GHz	Front	BiPOM
Dual RS232, USB, microSD	CG9103-2RS232-1USB	USB, RS232, Micro SD	Front	BiPOM
Monnit® ALTA	CG9104-433MT-A	Wireless - 433Mhz	Front	Option
Monnit® ALTA	CG9104-868MT-A	Wireless - 868Mhz	Front	Option
Monnit® ALTA	CG9104-900MT-A	Wireless - 900Mhz	Front	Option
SiFlex 900MHz Radio	CG9105-SiFL-900-S-RTC	Wireless - 900Mhz	Front	BiPOM
Four USB	CG9106-4USB	USB	Front	BiPOM
RS232	CG1101-11919	RS232	Front	Option
RS232 + RS485	CG1102-11920	RS232, RS485	Front	Option
WLAN Card	CG2101-11921	Wireless - 2.4Ghz	Back	Option
WLAN Card	CG2102-11994	Wireless - 2.4Ghz	Back	Option
4-port Ethernet PoE	CG1103-11935	Ethernet	Front	Option
4-port Ethernet non-PoE	CG1104-11936	Ethernet	Front	Option
1-port Ethernet	CG1109-11991	Ethernet	Front	Option
Telematics	CG5106-11984	GPIO, CANBUS	Front	Option
Development Board	CG1105-11937	GPIO, I2C, SPI, RS232, USB, SD	Front	Option
Breadboard	CG1108-11980	USB	Front	Option
LoraWan Card	CG2124-12129	Wireless - 433Mhz	Back	Option
LoraWan Card	CG2123-12117	Wireless - 868Mhz	Back	Option
LoraWan Card	CG2125-12122	Wireless - 915Mhz	Back	Option
Bluetooth Low Energy(BLE)	CG1119-12096	Wireless - 2.4Ghz	Front	Option
Smart Metering	CG1124-12154	GPIO, I2C, MODBUS, USB	Front	Option
Smart City	CG1118-12064	GPIO, ADC, I2C, MODBUS, USB, MicroSD	Front	Option
Monnit® ALTA Rear Slot	CG2127-12144	Wireless - 868Mhz	Back	Option
Monnit® ALTA Rear Slot	CG2128-12145	Wireless - 900Mhz	Back	Option
Monnit® ALTA Rear Slot	CG2129-12148	Wireless - 433Mhz	Back	Option