Monnit® Wireless Sensor Card for Cloudgate

The Monnit® expansion card inserts into the front or rear expansion slot of the CloudGate and allows the CloudGate to function as a gateway for wireless Monnit® devices like sensors and relays over the 433MHz, the 868MHz or the 900MHz band. Monnit® Wifi sensors are not supported.

Part numbers:

Rear Slot
- CG2128-12145   Monnit Alta Card 900Mhz North America
- CG2129-12148   Monnit Alta Card 868Mhz EMEA
- CG2125-12122   Monnit Alta Card 433Mhz APAC

Front Slot
- CG9104-MT-A   Monnit Bipom Alta Card 900Mhz

Starter Kit: Includes CloudGate, antennas, adapter and peripheral board with Monnit™ ALTA module
- CG9104-900MT-A   900Mhz North America
- CG9104-868MT-A   868Mhz EMEA
- CG9104-433MT-A   433Mhz APAC

It can be used for sensor data collection in applications such as Smart City, Smart Energy, Smart Home, Smart Building, Retail and other IoT/M2M applications where cost effective wireless sensors are required.

The gateway is controlled and data forwarded to remote systems using Option's LuvitRED graphical device agent. Customers can develop their own applications which use LuvitRED to transmit and receive sensor data to and from the wide range of Cloud services available in the market today.

Alternatively the CloudGate can be used as a gateway between Monnit® sensors and the iMonnit® service.

Specifications:

	Monnit® only	Monnit® + WLAN
Supported frequency bands	900MHz, 868MHz, 433MHz	900MHz, 868MHz, 433MHz
Supported regions	North America, South America, Europe, Middle East, Africa, Asia Pacific, Japan, Australia	North America, South America, Europe, Middle East, Africa, Asia Pacific, Japan, Australia
802.1a/b/g/n	Not included	Included
Simultaneous client and access point mode (10users)	Not included	Included
Failover to Wireless LAN client for WAN connectivity	Not included	Included
Dual SSID broadcast	Not included	Included
Mounting slot	Backslot	Backslot
Storage temperature	-40°C to +70°C	-40°C to +70°C
Operating temperature	-30°C to +70°C	-30°C to +70°C
Humidity operational	5%-95%	5%-95%
Max. amount of sensors	100	100
Range	< 100m	< 100m
Supported sensors	All Monnit® coin cell, AA and industrial sensors are supported	All Monnit® coin cell, AA and industrial sensors are supported