



General Description

Don't have an existing network connection where you need it most? The SenseitLink™ Cellular gateway allows your Senseit Wireless Sensors to communicate with the iSenseit™ Online Wireless Sensor Monitoring and Notification System via cellular transmission. This is the perfect solution for remote locations, or where an existing internet connection is not an option.

The new cellular gateway is an advanced all wireless M2M gateway that enables fast time-to-market solutions for a wide range of M2M applications.

The SenseitLink Cellular Gateway is based on the latest Dual-band CDMA wireless engine and comes integrated with Senseit's wireless access point network (WAN) for use with all Senseit wireless sensors.

Senseit's cellular gateway is specifically designed to respond to the increasing market need for global technology that accommodates a variety of vertical M2M application segments and remote wireless sensor management solutions.

How The System Works



1. Attach sensors to the "things" you want to monitor.

2. Plug in the cellular gateway.

3. Sensor info shows up online at www.imonnit.com.

4. Setup and receive alerts when something goes wrong.

SenseitLink™ CGW2 Features

- True plug & play, no hassles for internet
- No PC required for operation
- Low-cost cellular service packages
- Remote software upgrade capability
- Local status LEDs with transmission and online status indicators
- 50,000 sensor message memory
- AC power supply
- Optional 24 hour battery backup in event of power outage
- Dual Band CDMA (800/1900 MHz)

Applications

- Remote Location Monitoring
- Shipping and Transportation
- Agricultural Monitoring
- Vacant Property Management
- Vacation Home Property Management
- Construction Site Monitoring
- Data Center Monitoring

Senseit Cellular Gateway Specifications

Cellular

| | |
|---------|---|
| Carrier | Verizon Wireless |
| CDMA | Dual Band CDMA Frequency Range: 800 / 1900 MHz |
| Antenna | Connector: SMA Gain (dBi): 1.5 |


Power

| | |
|-------------------------|--|
| Input Power | 5.5 VDC @ 900 mA |
| Optional Battery Backup | Battery Type: Rechargeable Lithium Polymer |
| | Battery Duration: Up to 24 hours |
| | Battery Cycle Life: 500 times |

Mechanical

| | |
|----------------|--|
| LEDs | Cellular Status LED, Online Status LED, Sensor Network Status LED |
| Device Memory: | 50,000 sensor messages (Sensor messages will be stored in the event of Internet outage and transferred when connection is restored) |
| Enclosure | ABS |
| Dimensions | 5.004 x 3.8 x 1.51 in. |
| Weight | 7 ounces |

Environmental

| | |
|-----------------------|---|
| Operating Temperature | -10 to +70 °C (14 to 158 °F) |
| Storage Temperature | -20 to +85 °C (-4 to 185 °F) |
| |  FCC: ZTL- RFSC1 and FCC: MIVCNN0301 IC: 9794A-RFSC1 and IC: 4160a-CNN0301 |

