MONNITLINK™

CGW2 - Cellular Gateway
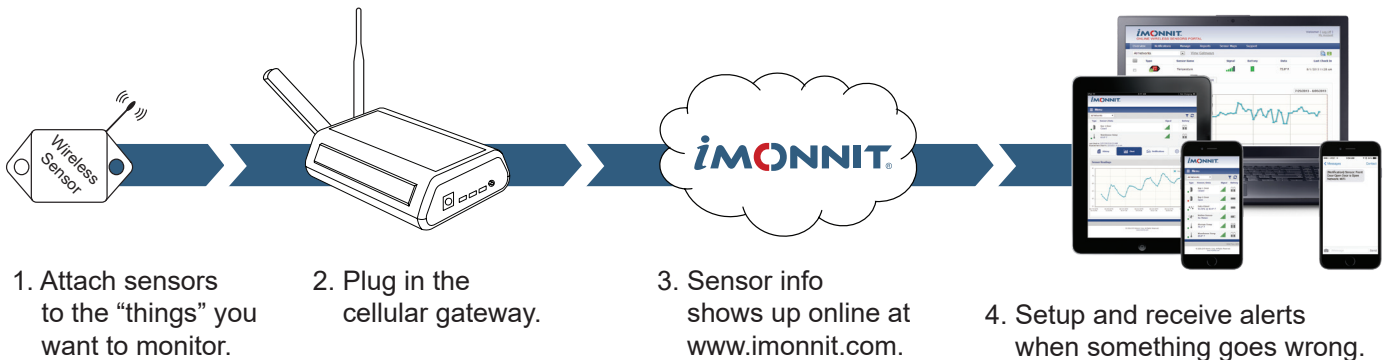
General Description

Don't have an existing network connection where you need it most? The MonnitLink™ Cellular gateway allows your Monnit Wireless Sensors to communicate with the iMonnit™ 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 brand new cellular gateway is an advanced all wireless M2M gateway that enables fast time-to-market solutions for M2M applications.

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

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

MonnitLink™ CGW2 Features

- True plug & play, no hassles for internet configuration set-up
- 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

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.

Monnit Cellular Gateway Specifications

Cellular

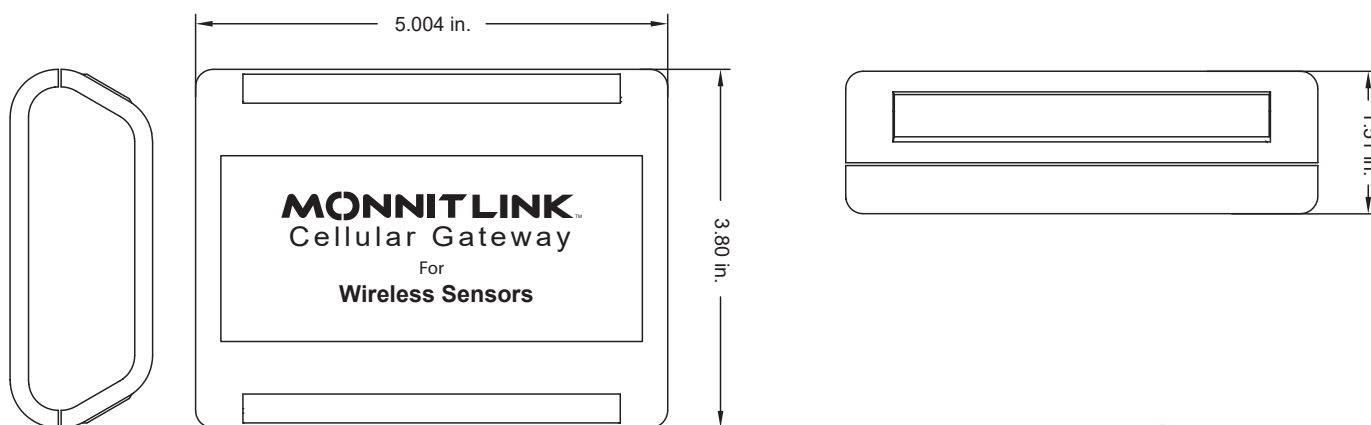|	
Carrier	Verizon Wireless
CDMA	Dual Band CDMA Frequency Range: 800 / 1900 MHz
Antenna	Connector: RP-SMA Gain (dBi): 1.5

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)
Certifications:	FC CE ☒ Industry Canada FCC: ZTL- RFSC1 and FCC: MIVCNN0301 IC: 9794A-RFSC1 and IC: 4160a-CNN0301

MONNIT LINK™
Cellular Gateway
For
Wireless Sensors

5.004 in.

3.80 in.

1.51 in.

MONNIT®

For more information about our products or to place an order, please contact our sales department at 801-561-5555.

Visit us on the web at www.monnit.com.

Monnit Corporation
3400 South West Temple
Salt Lake City, UT 84115
801-561-5555
www.monnit.com