MONNIT®

International 3G Cellular Gateway

General Description

Don't have an existing network connection where you need it most? The MonnitLink™ 3G 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 3G cellular gateway is an advanced all wireless M2M gateway that enables fast time-to-market solutions for a wide range of M2M applications.

The gateway is based on tri-band UMTS / HSPA+ (GSM / GPRS) cellular technology and comes fully integrated with Monnit's wireless access point network (WAN) for use with all of Monnit's wireless sensors.

Monnit's cellular gateways are 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.
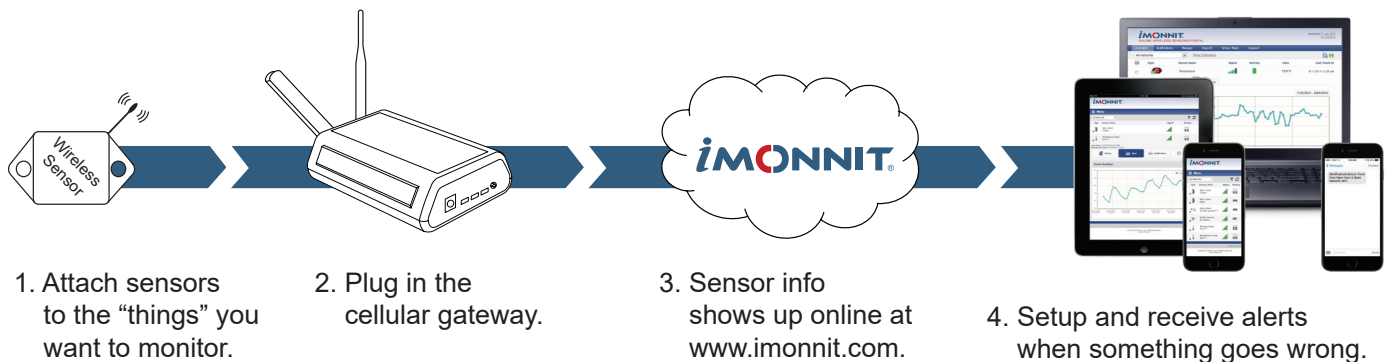
Monnit 3G Cellular Gateway Features

- Compatible with various cellular providers using Mini-SIM (2FF) sim cards.
- 3G UMTS / GSM / GPRS fallback (800/850, 900, 2100 MHz frequency range).
- True plug & play, no hassles for internet configuration set-up.
- No PC required for operation.
- Remote software upgrade capability.
- Local status LEDs with transmission and online status indicators.
- 50,000 sensor message memory.
- Watchdog function and on-line heart-beat control.
- AC power supply.

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.

The Leader in Low Cost Wireless Sensors

Monnit 3G Cellular Gateway - North America - Specifications

Cellular

Cellular Technology	3G UMTS / GSM / GPRS fallback Frequency Range: 800/850, 900, 2100 MHz
Antenna	Connector: SMA Gain (dBi): 1.5
SIM Card Compatibility	Mini-SIM (2FF) 25 mm x 15 mm x 0.76 mm

Power

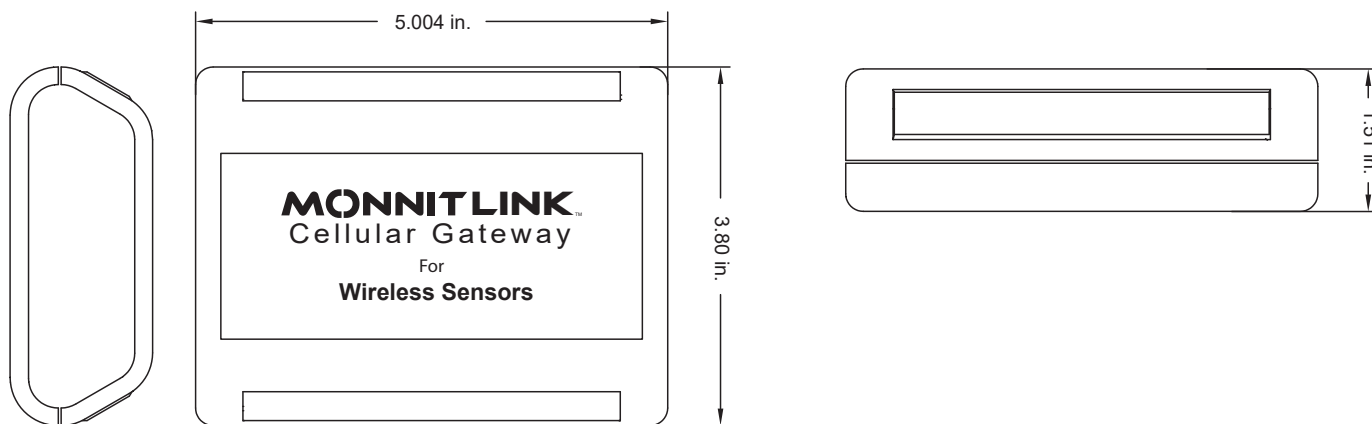|	
Input Power	5.5 VDC @ 2.5 A
Optional Battery Backup	Battery Type: Rechargeable Lithium Polymer
	Battery Duration: Up to 24 hours
	Battery Cycle Life: 500 times

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:	CE

MONNIT LINK
Cellular Gateway
For
Wireless Sensors

5.004 in.

3.80 in.

1.51 in.

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.

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