

Cellular CDMA Gateway Model CGW2

Technical Overview



General Description

Don't have an existing network connection where you need it most? The OEM Cellular CDMA gateway allows your Monnit or OEM 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.

(iMonnit online software is available as an OEM private / white label platform.)

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 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 and OEMSensors.com wireless sensors.

OEM cellular CDMA gateways work on Verizon's cellular network. Enjoy reliable, low cost cellular services for your wireless sensor networks.

Our OEM 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.


OEM Cellular CDMA Gateway Features

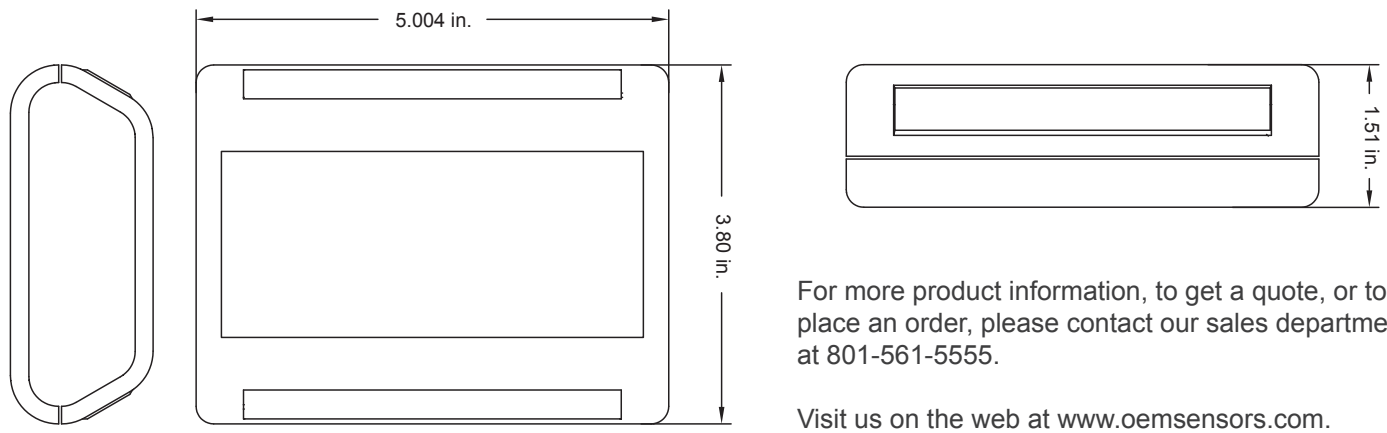
- Supports multiple RF technologies including 900, 868 and 433 MHz sensor solutions
- True plug & play, no hassles for internet configuration set-up
- No PC required for operation
- Low-cost cellular service packages
- Remote software upgrade capability
- Local status LEDs with transmission and online status indicators
- Watchdog function and on-line heart-beat control
- 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

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)
Certifications:	 FCC: ZTL- RFSC1 and FCC: MIVCNN0301 IC: 9794A-RFSC1 and IC: 4160a-CNN0301



For more product information, to get a quote, or to place an order, please contact our sales department at 801-561-5555.

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



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