OEM Sensors.com™

Cellular Gateway

General Description

Don't have an existing network connection where you need it most? The OEMSensors.com™ cellular gateway allows OEM wireless sensors to communicate with your privately branded 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 cellular gateway is an advanced all wireless M2M gateway that enables fast time-to-market solutions for a wide range of M2M applications.

Based on the latest Quad-band GPRS/GSM wireless engine the OEM cellular gateway comes integrated with OEMSensors.com's wireless access point network (WAN) for use with all OEMSensors.com wireless sensors.

Each OEM cellular gateway comes pre-activated on the OEMSensor.com global cellular network, avoiding the need to negotiate with mobile carriers for a cellular service contract. Enjoy reliable, low cost cellular services developed specifically for our wireless sensor networks.

Our OEM 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.

OEMSensors.com Cellular Gateway Product Features

- Supports multiple RF technologies including 900, 868 and 433MHz 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
- Portable with battery back-up
- Power saving sleep mode
- Power outage notification
- AC power supply
- Local, audible alarm
- Location parameter (cell tower triangulation)
- Quad Band GSM/GPRS engine 850/900/1800/1900 MHz

Applications

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

Monnit Cellular Gateway Specifications

Cellular

GSM/GPRS	Quad Band GSM/GPRS engine that works on frequencies Frequency Range (MHz):850-900/1800-1900MHZ
Antenna	Connector: SMA Gain (dBi):1.5

Interfaces

RS232	UART interface for Debugging and future added features

Power

I/P	5 V- 2A DC power supply
Low Power Mode	Available
Battery Back Up	Available

Mechanical

LEDs	H/W status LED, GPRS status LED,APN status LED
Enclosure	ABS
Dimensions	114.30 x 114.30 x 38.10 mm
Weight	14 ounces

Environmental

Operating Temperature	0 to +65 °C
Certifications:	FC CE ■ Industry Canada 900 MHz product; FCC ID: ZTL- RFSC1 and IC: 9794A-RFSC1. 868 and 433 MHz product tested and found to comply with: CISPR 22:2008-09 / EN 55022:2010 - Class B and ETSI EN 300 220-2 V2.4.1 (2012-05).

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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