

Wireless USB Gateway

Technical Overview



General Description

The OEMSensors.com™ USB gateway allows OEMSensors / Monnit Wireless Sensors to communicate with the iMonnit online wireless sensor monitoring and notification system or Monnit Express™ standalone PC software. Both the iMonnit online, and Monnit Express software are available in full featured privately branded versions.

Simply install the USB driver and plug the device into an available USB port on a Microsoft Windows PC. If the PC has an active internet connection and will be used with the online software, install the PC Gateway application to pass sensor data to the online system. If using the wireless sensors locally (collect and store sensor data on a PC), install the Monnit Express or privately branded standalone software and all sensor data will be stored within the software's database. The PC software allows users to export sensor data in a .csv format spreadsheet, and is also capable of sending SMS text and email alerts if the host computer has an active Internet connection,

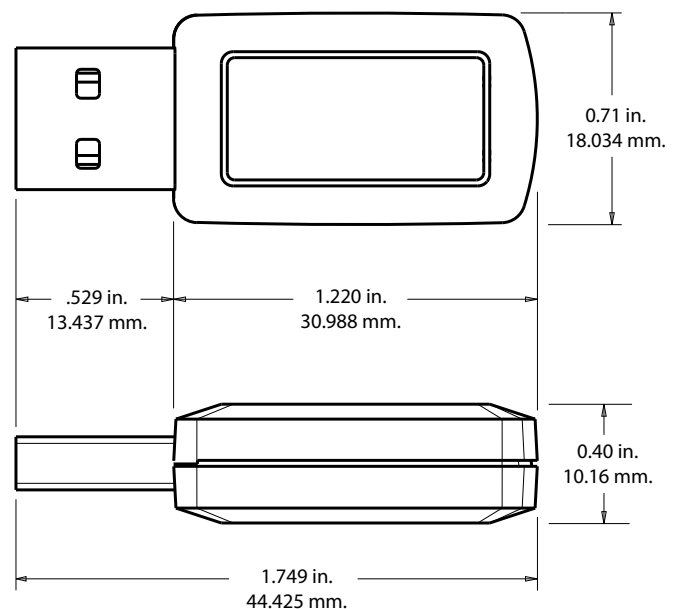
With the online monitoring and notifications software, users can easily configure their network, view collected sensor data and set alarms through SMS or e-mail, all from any web enabled browser. The system allows for complete configuration and customization at a sensor, local network, or client wide level.

The OEMSensors USB 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.

The gateway is available in global frequencies of 900, 868 or 433MHz. Enjoy reliable, low cost, wireless monitoring of your facilities or specific applications, with Monnit wireless sensor networks.

OEMSensors.com™ USB Gateway Product Features

- Supports multiple RF technologies including 900, 868 and 433MHz sensor solutions.
- Uses host PC for power.
- Can be used with both iMonnit Online Software or Monnit Express Standalone PC Software.
- Programmable heart-beat control.
- Supports up to 100 wireless sensors per USB.
- Windows 7, Vista and XP compatible.



Applications

- Commercial Facilities Monitoring
- Industrial Facilities Monitoring
- Property Management
- Data Center Monitoring
- Convenience Store Monitoring

OEMSensors.com USB Gateway Specifications

USB

Type:	USB 2.0 Full Speed Bus Standard
Display Name:	Monnit USB Radio Gateway
Display Type:	MonnitApnClass
Version:	1.0.3.0
Software Compatible Platforms:	Microsoft Windows XP, Vista, Windows 7, Linux
Bus Reported Device Description:	M+ LINK
Memory Capacity:	40,000 messages


Power

Power	Powered through USB output of PC
Maximum Power Required:	50 mA

Mechanical

Enclosure	ABS plastic
Dimensions	1.75 x 0.71 x 0.40 Inches
Weight	0.36 ounces

Environmental

Operating Temperature	-40 to +85 °C
Certifications:	 900 MHz product; FCC ID: ZTL- RFUSB1 and IC: 9794A-RFUSB1. 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.

OEM SENSORS.COM™

OEMSensors.com | 7304 South Cottonwood, Suite #204 | Midvale, Utah 84047 | 801-561-5555 | www.oemsensors.com