

Ethernet Gateway

Technical Overview



General Description

The OEMSensors.com™ Ethernet gateway allows OEM wireless sensors to communicate with your privately branded online wireless sensor monitoring and notification system without the need for a running PC. Simply plug this device into any open network port with an active internet connection and it will automatically connect with the online servers.

With the graphical online software, users can easily configure their networks, 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 Ethernet 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. Offer reliable, low cost, wireless monitoring of facilities or specific applications, with OEM wireless sensor networks.

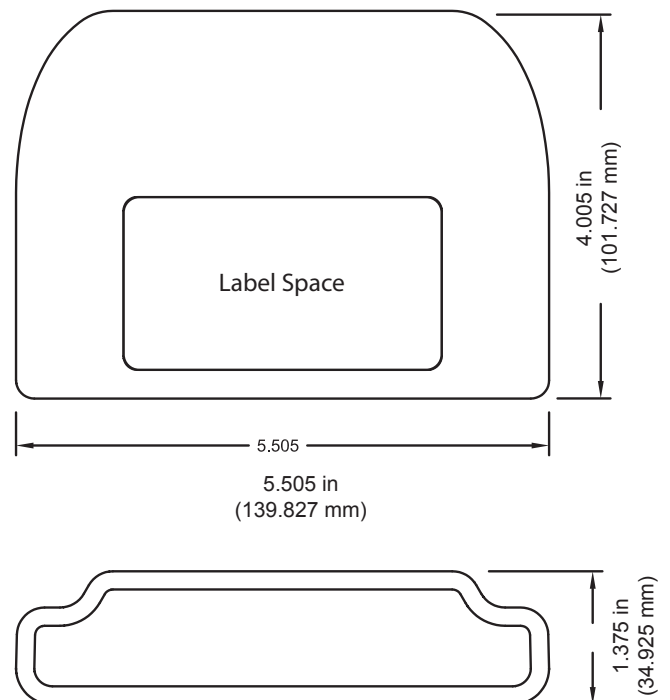
Applications

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

OEMSensors.com Ethernet Gateway Product Features

- Supports multiple RF technologies including 900, 868 and 433MHz sensor solutions
- Plug & Sense, no hassle set-up
- No PC required for operation
- Remote software upgrade capability
- Local status LEDs with transmission and online status indicators
- On-line heart-beat control
- Power outage notification
- AC power supply or Power-Over-Ethernet

Ethernet Gateway Enclosure Specs



OEMSensors.com Ethernet Gateway Specifications

Ethernet

Ethernet Types:	Standard, POE
Antenna	Connector: SMA Gain (dBi): 5.0
Hardware:	10/100 Ethernet Controller
IEEE Standard Compliance:	802.3-2002
Operation:	Full- and Half-Duplex
Cross-Over Correction:	Automatic MDI/MDI-X
Addressing:	Pre-programmed MAC Address
Host Address:	sensorsgateway.com
Default Port:	3000
Protocols Supported:	UDP, DHCP, TCP
Cable Connector:	Cat 5
Memory Capacity:	40,000 messages

Power

Power Supply	5.5 V AC adapter or 5.5 V Power-Over-Ethernet adapter
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Mechanical

LEDs	H/W status, iMonnit connection status, sensor data activity
Enclosure	ABS plastic
Dimensions	139.85 x 101.75 x 34.95 mm
Weight	12.6 ounces

Environmental

Operating Temperature	-40 to +85 °C
Certifications:	 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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OEMSensors.com | 7304 South Cottonwood, Suite #204 | Midvale, Utah 84047 | 801-561-5555 | www.oemsensors.com