MONNITLINK™

Ethernet Gateway

General Description

The MonnitLink™ Ethernet gateway allows your Monnit Wireless Sensors to communicate with the iMonnit™ Online Wireless Sensor Monitoring and Notification System without the need for a PC. Simply plug this device into any open network port with internet connection and it will automatically connect with our online servers. This is the perfect solution for commercial locations where there is an active internet connection.

With the easy to use graphical iMonnit software, you can configure your network, view collected sensor data and set alarms through SMS or e-mail, all from any web enabled browser. The system will allow for complete configuration and customization at the sensor, local network, or client wide level.

Monnit's Ethernet gateway is specifically designed to respond to the increasing market need for global technology that accommodates multiple vertical M2M application segments and remote wireless sensor management solutions.

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

Applications

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

MonnitLink™ Ethernet Gateway Features

- Supports multiple RF technologies including 900, 868 and 433 MHz 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
- 16,000 sensor message memory
- On-line heart-beat control
- Power outage notification
- AC power supply or Power-Over-Ethernet

MONNITLINK™
Ethernet Gateway

4.005 in
(101.727 mm)

5.505
5.505 in
(139.827 mm)

1.375 in
(34.925 mm)
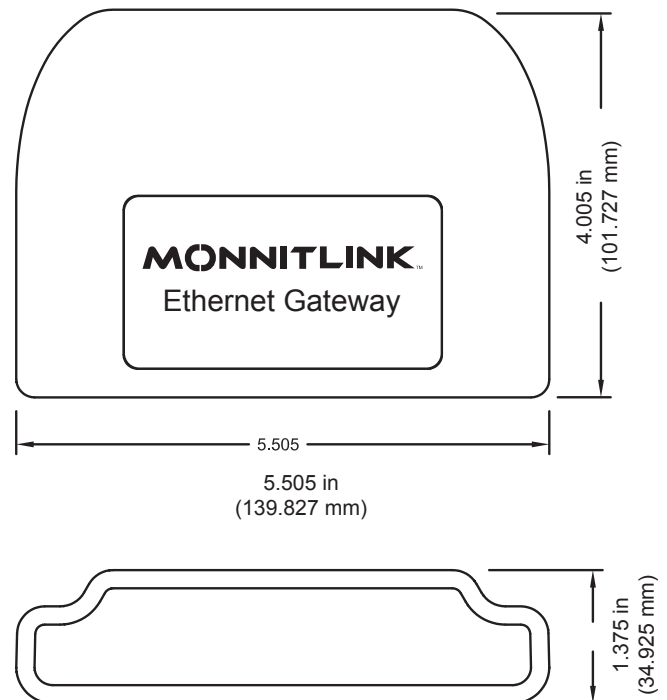
The Leader in Low Cost Wireless Sensors

Monnit Ethernet Gateway Specifications	
Ethernet	
Ethernet Types:	Standard, POE
Antenna	Connector: RP-SMA Gain: 5.0 dBi (900 MHz Product) 3.0 dBi (868 and 433 MHz Product)
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:	t1.sensorsgateway.com
Default Port:	3000
Protocols Supported:	UDP, DHCP, TCP, SNMP, MODBUS
Cable Connector:	Cat 5
Device Memory:	16,000 sensor messages (Sensor messages will be stored in the event of Internet outage and transferred when connection is restored)
Power	
Power Supply	5.5 V AC adapter or 5.5 V Power-Over-Ethernet adapter
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	-10 to +70 °C (14 to 158 °F)
Storage Temperature	-20 to +85 °C (-4 to 185 °F)
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).

Data Capturing Options:

Data collected by the Ethernet Gateway from the sensors in the network can be accessed when these interfaces are turned on. Multiple interfaces can be active at the same time. All interfaces require that the Ethernet gateway be set to a Static IP address. (By default, the unit uses DHCP).

SNMP Poll and Trap Interface - Use SNMP software to pull in gateway and sensor data. Monnit provides a .MIB file. (www.monnit.com/support/downloads)

MODBUS TCP Interface - Use MODBUS TCP software to pull in gateway and sensor data. Monnit provides a register map.

Real Time TCP Interface - Poll on the gateway's assigned port to retrieve gateway and sensor data.

For more information about our products or to place an order, please contact sales department at 801-561-5555 or visit us on the web at www.monnit.com.

MONNIT®

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