

The Leader in Low Cost Wireless Sensors



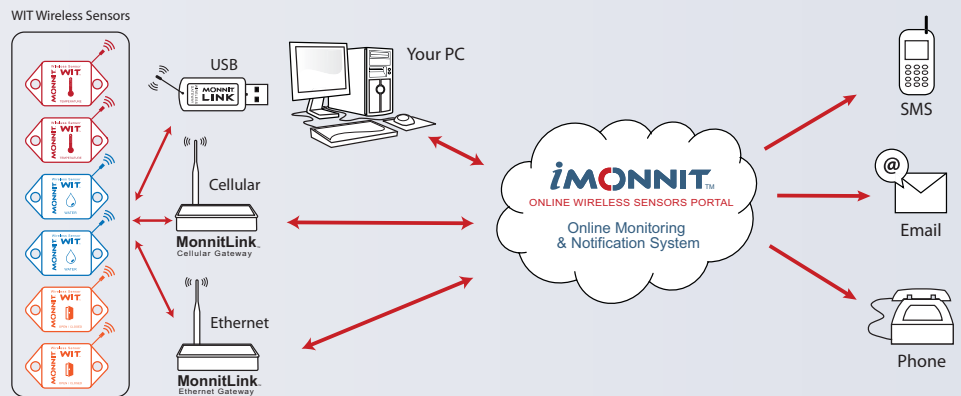
WIT™ Wireless Sensors: Low Cost, Reliable And Ready to Use

The Monnit Wireless Sensor Network

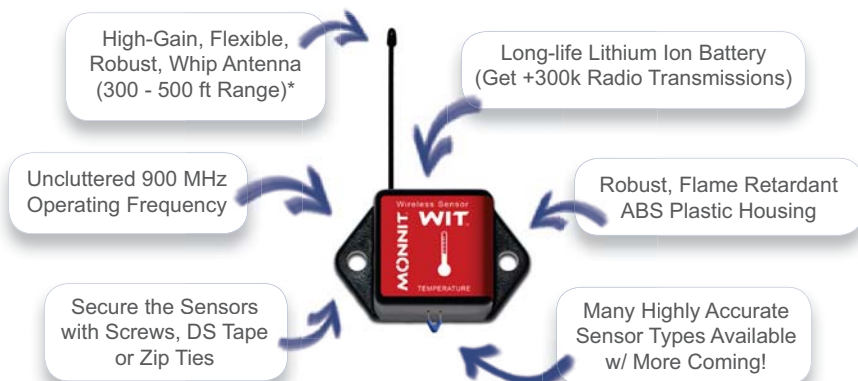
WIT™ Wireless Sensors detect the incidents you wish to monitor.

MonnitLink™ Wireless Gateways transmit data between your local sensor network and the iMonnit™ online wireless sensor monitoring software or service.

The iMonnit™ online portal allows for user customization of your sensor network, and can notify and alert you of sensor events. (Standalone PC software version also available.)



Big Features in a Small Package!



WIT™ Wireless Sensor Specifications

- 900 MHz Operating Frequency (25 Channels)
- 1+ Year Battery Life at 1 Hour Heartbeat
- 250 - 300 ft. Device Range*
- Lithium Ion 3.0V Battery
 - 0.5 μ A - Sleep Mode
 - 35 mA - Tx Current

* Actual range may vary depending on environment. Further range attainable through a Monnit WIT™ Signal Repeater.

Monnit Wireless Sensor Starter Kit

| Part Number | Name | Description / Details |
|-------------|--------------------|--|
| KCM-9CU-A00 | Sensor Starter Kit | (6) Wireless Sensors of your Choice, (1) MonnitLink™ USB, Choice of Monitoring Options Including: iMonnit Free, iMonnit Premiere, Monnit Express and Monnit Enterprise Server. |

Monnit Wireless Gateways

| Part Number | Name | Description / Details |
|-------------|---------------------|---|
| GCM-USB | MonnitLink USB | Uses a PC to Communicate to Software. Supports up to 100 WIT Wireless Sensors.* |
| GCM-ETH | MonnitLink Ethernet | Standalone unit, no PC needed. Internet connection required to communicate to software. Supports up to 100 WIT Wireless Sensors.* |
| GCM-CEL | MonnitLink Cellular | Standalone unit, no PC needed. Cellular data plan required to communicate to software. Supports up to 100 WIT Wireless Sensors.* |

* Number of sensors supported depends on frequency of sensor transmissions (sensor heartbeat).

Monitoring Software Options

| Name | Description / Details |
|-------------------|---|
| iMonnit Online | Free basic wireless sensor configurations allowing for heartbeats down to 2 hrs. Includes text and email notifications. (Unlimited sensors and networks). |
| iMonnit Premiere | Advanced wireless sensor configurations, heartbeats down to 10 minutes and a premium software feature set. (Unlimited sensors and networks). |
| Monnit Express | Software application for PCs allowing use of sensors without the need for internet connection. Allows for standard wireless sensor configurations and data logging into a local database supporting up to 20 sensors. |
| Monnit Enterprise | Enterprise software solution providing all the features of iMonnit, hosted on your own computer servers. (Unlimited sensors and networks). |

Monnit WIT™ Wireless Sensors

| Part Number | Name | Description / Details |
|---------------|--------------------------------------|--|
| SCM-91A-0TS | Temperature Sensor | Highly accurate to +/- 1° C (± 1.8° F). |
| SCM-91A-0WS | Water Sensor | Detects water presence on floors, in ceilings, holes, etc. |
| SCM-91A-0RF | Active RF ID Sensor | Detects presence of an asset or object via RF transmission. |
| SCM-91A-0MA | 0-20 mA Sensor Interface | Provides a wireless interface for 0-20mA sensors. |
| SCM-91A-0AN | Analog Sensor Interface | Provides a wireless interface for analog sensors. |
| SCM-91A-0DC | Dry Contact Sensor | Detects contact between two wired contact points. |
| SCM-91A-0TS-P | Temperature Sensor (3 ft Probe) | Highly accurate to +/- 1° C (± 1.8° F) with 3 foot long probed thermistor. |
| SCM-91A-0LS | Light Sensor | Detects presence and level of light with threshold capability. |
| SCM-91A-0MP | Magnetic Presence Sensor | Measures and tracks RPMs, senses presence and movement. |
| SCM-91A-0DW | Open/Closed Sensor | Senses when a door, window or cabinet is opened or closed. |
| SCM-91A-0MV | Activity Sensor | Detects sudden movement, or lack of movement of a device. |
| SCM-91A-0AC | Accelerometer | Activated by set time intervals. Measures intensity & frequency of movement. |
| SCM-91A-0PB | Button Sensor | Manually triggered push button. LED response indicator. |
| SCM-91A-0LU | Lux Sensor | Measures the amount of light present. |
| SCM-91A-0FL | Flex Sensor | Measures the amount of bend or flex in the sensor ribbon. |
| SCM-91A-0MS | Motion Sensor | Detects motion or movement using infrared technology. |
| SCM-91A-0LL | Liquid Level Sensor | Detects the level of a liquid by its position on the ribbon sensor. |
| SCM-91A-0RH | Humidity (RH) Sensor | Senses relative RH of +/-2% from 50-85% RH. |
| SCM-91A-0HA | Humidity (RH) Sensor (High Accuracy) | Senses relative RH of +/-2% from 10-90% RH. |

Individual Monnit WIT™ Wireless Sensors require a MonnitLink™ Wireless Gateway to communicate with the iMonnit™ Online Wireless Sensor Portal, Monnit Express™ software or Monnit Enterprise Server Software.

Monnit WIT™ Wireless Accessories

| Part Number | Name | Description / Details |
|-------------|--------------------------|---|
| ACM-91A-0RP | Wireless Signal Repeater | AC powered signal repeater / extender for use with WIT Sensors. |
| ACM-91A-0WP | WIT Pak | AA Battery Pak with (2) Energizer Ultimate Lithium Ion Batteries. |
| ACM-91A-0W2 | WIT2 Sensor Enclosure | AA Battery Self Enclosed with (2) Energizer Ultimate Lithium Ion Batteries. |

Monnit Mine™ is an open software platform that provides the ability to integrate Monnit wireless sensors and gateways with your own software system. Monnit wireless gateways can be unlocked, allowing them to be directed to a custom host or IP address, where an installation of Monnit Mine works as a translation application between Monnit wireless sensors networks and existing or custom software applications.

There are two licenses available for using the Mine software:

Reselling License

- Mine API can be redistributed as part of your software package
- Multiple instances of software allowed

Non-Reselling License

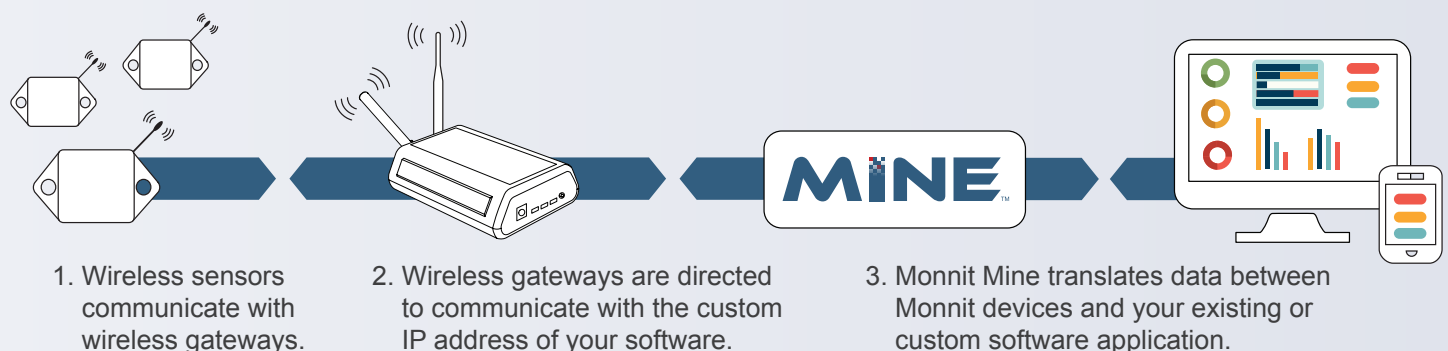
- No reselling of software to other entities (license is per instance)
- Can not be used with devices or software not controlled and owned by purchasing company

Visit www.monnit.com/mine for more information.

Features

- › API in multiple languages for easy integration (.Net / Java) *
- › Can be setup and receiving data in just a few minutes
- › Fully functional sample application with source included
- › Designed to work with Monnit's diverse set of more than 48 different wireless sensor types, wireless control and robust, reliable wireless gateways
- › Can implement broad range of sensors and gateways into existing monitoring solution instead of having to implement one sensor at a time
- › Brings true low cost hardware to existing monitoring infrastructure
- › Worldwide hardware offering with single software implementation
- › Data security and integrity maintained with strong encryption algorithms

How It Works



Reliable Wireless Products



Monnit Mine is designed to work with Monnit's diverse set of more than 48 different wireless sensor types, wireless control and robust, reliable wireless gateways (available in commercial and industrial platforms).

Over 48 Wireless Sensor Types

- | | | | | | | | | |
|---|---|---|--|--|--|--|--|--|
|  TEMPERATURE |  TEMPERATURE 3 FOOT PROBE |  WATER TEMP |  RTD HIGH TEMPERATURE |  RTD LOW TEMPERATURE |  DUCT TEMPERATURE |  WATER DETECT |  WATER DETECT PLUS |  WATER ROPE |
|  HUMIDITY |  GRAINS PER POUND |  MOTION DETECTION |  OPEN / CLOSED |  DRY CONTACT |  CARBON MONOXIDE |  LIGHT DETECTION |  LIGHT METER |  ASSET |
|  SINGLE-INPUT PULSE COUNTER |  MULTI-INPUT PULSE COUNTER |  MAGNET DETECTION |  ACTIVITY DETECTION |  ACTIVITY VIBRATION COUNTING |  ACTIVITY TIMER |  ACCELEROMETER TILT |  IMPACT DETECT |  G-FORCE SNAPSHOT |
|  G-FORCE MAX & AVG |  0-1 mA CURRENT METER |  0-20 mA CURRENT METER |  RESISTANCE |  0-1.2 VDC VOLTAGE METER |  0-5 VDC VOLTAGE METER |  0-10 VDC VOLTAGE METER |  0-50 VDC VOLTAGE METER |  0-500 VOLT VOLTAGE METER |
|  24-500 VAC VOLTAGE DETECT |  1-50 VDC VOLTAGE DETECT |  50 PSIG PRESSURE METER |  300 PSIG PRESSURE METER |  BUTTON |  COMPASS |  FLEX |  SEAT OCCUPANCY |  AIR FLOW DETECTION |
|  LIQUID LEVEL |  VEHICLE DETECTION |  VEHICLE COUNTER | | | | | | |