



## Monnit Wireless Sensors & MonnitLink™ CGW2 Cellular Gateway User's Guide

### Information to Users

*This equipment has been tested and found to comply with the limits for a Class B digital devices, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of more of the following measures:*

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**WARNING:** Changes or modifications not expressly approved by Monnit could void the user's authority to operate the equipment.

**RF EXPOSURE WARNING:** To satisfy FCC RF exposure requirements for mobile transmitting devices, a separation distance of 20 cm or more should be maintained between the antenna of this device and persons during device operation. To ensure compliance, operations at closer than this distance are not recommended. The antenna used for this transmitter must not be co-located in conjunction with any other antenna or transmitter.

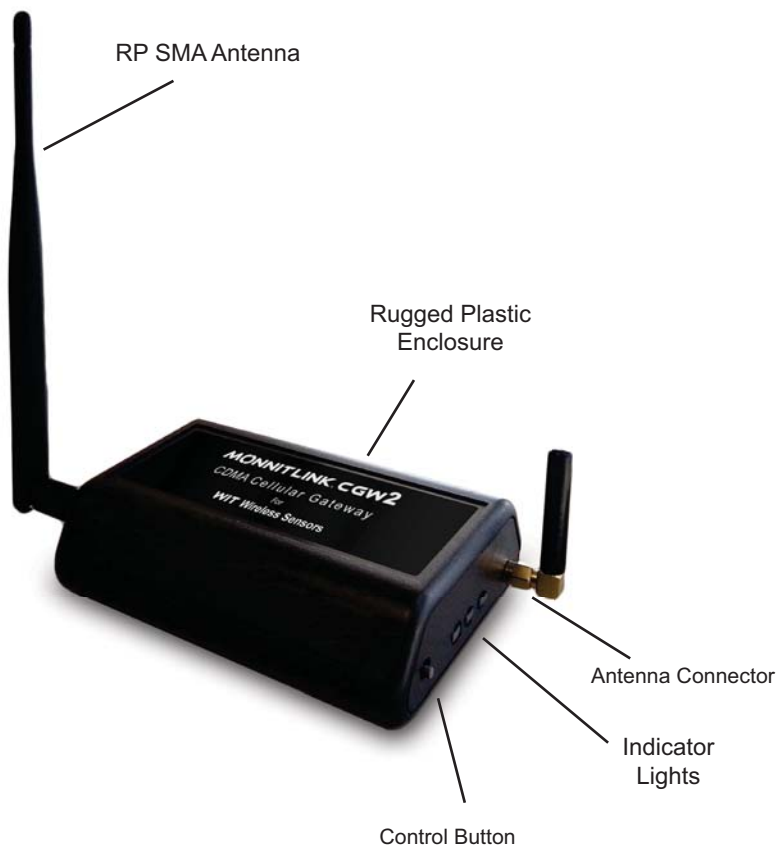
**WARNING:** This unit comes with its own SIM card. **DO NOT REMOVE THE SIM CARD!** If you disassemble the cellular gateway and remove the SIM card, the cellular gateway will no longer work, even if you attempt to reinsert the Monnit SIM card back into the unit. If you need a cellular gateway without a SIM card, please contact Monnit sales.

### Inside the Box

You should find the following items in the box:

- Monnit WIT™ Wireless Sensors
- MonnitLink™ CGW2 Cellular Gateway
- Power Supply
- Antennas
- Mounting Hardware
- Quick Start Guide
- Batteries

## MonnitLink™ CGW2 Cellular Gateway



Contains FCC ID: ZTL-RFSC1 & FCC ID: MIVCNN0301  
IC: 9794A-RFSC1 & IC: 4160a-CNN0301

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference and (2) this device must accept any interference received, including interference that may cause undesired operation.

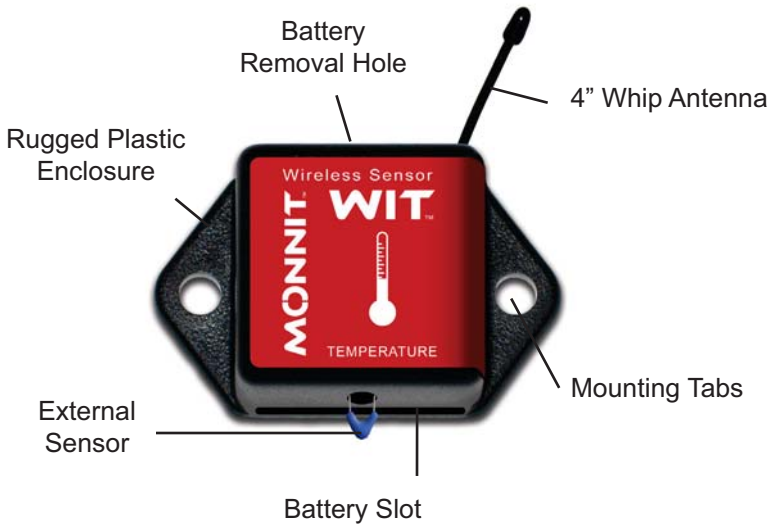
*This device has been designed to operate with an approved antenna listed on page 15, and having a maximum gain of 5.1 dBi (ZTL-RFSC1) and 2.2dBi (MIVCNN0301). Antennas not included in the list on page 15 or having a gain greater than these amounts are strictly prohibited for use with this device. The required antenna impedance is 50 ohms.*

*To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (EIRP) is not more than that required for successful communication.*

**FCC Approval (USA)** - Refer To Page 15 for FCC Requirements.

**IC Approval (Canada)** - Refer To Page 16.

## Monnit WIT™ Wireless Sensors



Contains FCC ID: ZTL-RFSC1 & IC: 9794A-RFSC1

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference and (2) this device must accept any interference received, including interference that may cause undesired operation.

*This device has been designed to operate with an approved antenna listed on page 15, and having a maximum gain of 5.1 dBi. Antennas not included in this list or having a gain greater than 5.1 dBi are strictly prohibited for use with this device. The required antenna impedance is 50 ohms.*

*To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (EIRP) is not more than that required for successful communication.*

**FCC Approval (USA)** - Refer To Page 15 for FCC Requirements.

**IC Approval (Canada)** - Refer To Page 16.

# 1. Creating an Account on iMonnit™ Online Wireless Sensor System

## ① New Users / Create an Account

If this is your first time using the iMonnit online system site, you will need to create a new account. If you have already created an account you can skip to the “Logging into the Online System” section. The following instructions will guide you through the account creation process.

1. In a web browser, navigate to <https://www.imonnit.com>.

2. Click the “Create New Account” button.

### New to iMonnit?

If you have recently purchased a Monnit Wireless Sensor System you should create a new account. Please read the Monnit Quick Start Guide before using your new Monnit wireless sensors or the iMonnit system.

Create New Account

3. Complete all fields in Account Information section.

Key Fields:

- Time Zone- All data is recorded using Universal Coordinated Time (UTC) also known as Greenwich Mean Time (GMT). Selecting the time zone will translate the time stamps in the system to display in your chosen time zone. This can be updated later if needed.

4. Complete all fields for Primary Contact Information.

Key Fields:

- Cell Phone and Cell Carrier are optional unless you would like to receive SMS Notifications.

5. Create a new network to hold your gateway and sensors.

Key Fields:

- Network Name - Enter a name for your first network.
- Gateway ID - Numerical serial number located on the bottom of your gateway.
- Gateway Code - 6 digit code on back of sensor, below the serial number.

**Note:** Additional gateways and sensors can be added to your account in later steps.

6. Once all information has been entered, click the “Create Account” button.

Create Account Cancel

**Note:** We recommend writing down your username and password to keep in a secure location.

## ② Login to The iMonnit™ Online System

Enter your username and password in the login fields and click the “Login” button.

### Login Information

User name

Password

## 2. Adding Networks, Gateways and Sensors

These steps will allow you to configure additional networks and gateways and sensors to your account. If you have additional gateways you can either set them up as their own networks or add them to your existing network.

### 1. Creating a New Network.

- Choose “My Account/Settings” from the main navigation.
- From the left navigation choose “Create Network”.
- Enter a name for the new network.
- Enter the Gateway ID and Security Code from the gateway you want to add.
- Press “Create Network”.

### 2. Adding Gateways.


- Choose “My Account/Settings” from the main navigation.
- From left navigation choose “Network Settings”.
- Select the network you would like to add the gateway to.
- Find the bottom of the section “Gateway List / Assign Gateway”.
- Enter the Gateway ID and Security Code from the gateway you want to add.
- Press the “Assign Gateway” button.

Gateway List / Assign Gateway

Name	Gateway ID	Last Checkin
Assign New Gateway		
Gateway ID	<input type="text"/>	
Security Code	<input type="text"/>	
<button>Assign Gateway</button>		

Contains FCC ID: ZTL-RFSC1  
and IC: 9794A-RFSC1

This device complies with Part 15 of the  
FCC Rules. Operation is subject to the  
following two conditions:  
(1) this device may not cause harmful  
interference and  
(2) this device must accept any interference  
received, including interference that may  
cause undesired operation.

 ID: #####  
Code: XXXXXX


### 3. Adding Sensors.

- Choose “My Account/Settings” from the main navigation.
- From left navigation choose “Network Settings”.
- Select the network you would like to add the sensor to.
- Find the bottom of the section “Sensor List / Assign Sensor”.
- Enter the Sensor ID and Security Code from the sensor you want to add.
- Press the “Assign Sensor” button.
- Repeat this process to add more sensors to this network.

Sensor List / Assign Sensor

Sensor Name	Sensor ID	Sensor Type
Assign New Sensor		
Sensor ID	<input type="text"/>	
Security Code	<input type="text"/>	
<button>Assign Sensor</button>		

Contains: FCC ID: ZTL-RFSC1  
IC: 9794A-RFSC1

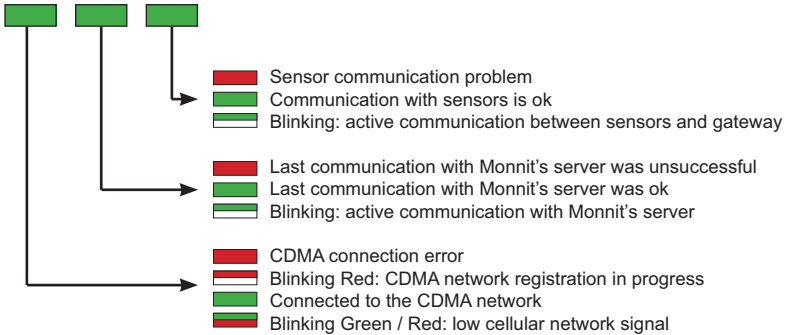
 Sensor ID: #####  
Sensor Code: XXXXXX

### 3. Using the MonnitLink™ CGW2 Cellular Gateway

#### MonnitLink™ CGW2 Cellular Gateway Quick Start

- Plug the power supply into a power outlet then connect to the gateway.
- Once all three lights turn green, your network is ready to bring sensors online.

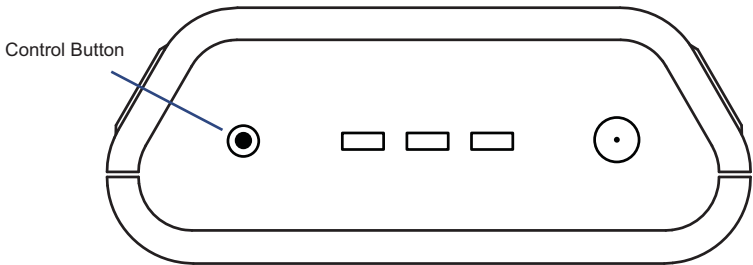
#### ① Understanding the Cellular Gateway Lights



Note 1: The CGW2 resets itself after receiving new configuration from the server (ex. new HB), LED1 starts with RED and the reset cycle continues till all 3 LEDs are GREEN

Note 2: During SW upgrade, LEDs will scroll red. After successful upgrade, scrolling stops, and all LEDs flash green, then gateway will restart.

#### ② Cellular Gateway Controls



##### Using the Control Button:

Short press while lights are all green, will force immediate communication to server and exchange all sensor data currently stored in memory.

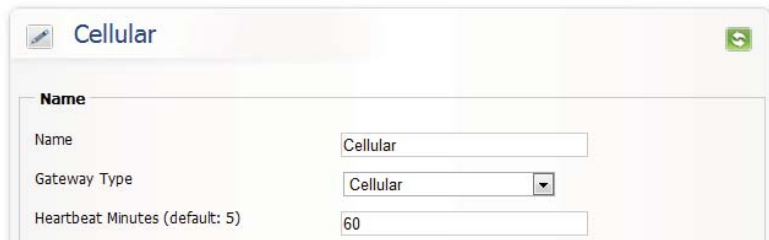
Press and hold to reset the gateway to factory settings (hold until all lights go red). This resets the gateway heartbeat to 60 minutes. You will need to login to the online system after resetting the gateway to reconfigure the gateway to your desired settings.

**Note:** If your gateway powers up and the lights do not turn green, you may have a connectivity issue. Wait a few minutes to see if the lights will turn green. If they do not, power cycle the device by disconnecting then reconnecting power. If it still does not connect, try resetting the device to the factory settings. If this still does not fix the issue, call Monit customer support.

### 3 Configuring The Cellular Gateway

The cellular gateway collects data from all sensors within range and is preconfigured to batch deliver the sensor messages to the online system at the specified heartbeat (every 60 minutes by default factory settings).

Upon logging into the online system as an administrator, select “My Account” then choose the edit icon next to your sensor network. From there you can alter the heartbeat of the cellular gateway as well as edit any other configurations available. There is also a quick link to reset all gateway settings to factory defaults.



The screenshot shows a web interface for configuring a cellular gateway. At the top, there is a tab labeled "Cellular" with a pencil icon on the left and a refresh icon on the right. Below the tab, there is a form with the following fields:

- Name:** A text input field containing the word "Cellular".
- Gateway Type:** A dropdown menu with "Cellular" selected.
- Heartbeat Minutes (default: 5):** A text input field containing the number "60".

## 4. Bringing the Monnit WIT™ Wireless Sensors Online

### Insert Batteries Into Wireless Sensors

**Important:** Make sure your sensors are at least 3ft. away from Cellular Gateway.

Peel back the black sticker cover of the battery slot and slide the coin cell battery into the sensor as shown in fig.1. It will power on within 10-20 seconds. Once online, your sensor is ready to be deployed. If you wish to change a sensor configuration, change the parameter in the software. The new parameters will be transmitted to the sensor on the next heartbeat. If you need a more immediate response from the sensor, power cycle the sensor by removing, then re-inserting the battery.

#### Notes:

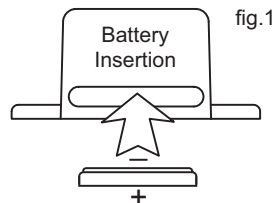
- If the sensor status indicator does not change, reset the sensor by removing the battery.
- Wait 60 seconds then re-insert the battery.
- When inserting the battery, make sure to push the battery all the way back using a paper clip.
- Note the proper orientation of battery in fig. 1

**Warning:** Your sensors ship with a 10 minute heartbeat.

It is recommended that unless you are using the AA battery solution, you should set the heartbeat to no faster than one hour to preserve battery life. When changing a sensor's heartbeat, the new configuration information will be sent to the sensor on it's next heartbeat. If you want to update the sensors immediately you can reset them manually.

#### Manual Sensor Reset Process:

- 1 - Using the end of a paper clip, push the batteries out of the sensors through the small hole in the top of the sensor
- 2 - Change the sensor heartbeat through the online system
- 3 - Re-insert the batteries into the sensors



## 5. Using The iMonnit™ Online Wireless Sensor System

### 1 The Online Interface

When you have logged into the online system this is the default view.

1. Menu System      2. Sensor Network “At a Glance”

4. Sensor Status Indicators

The screenshot shows the iMonnit Online Wireless Sensors Portal. The header includes the iMonnit logo and the text 'ONLINE WIRELESS SENSORS PORTAL'. Below the header is a navigation bar with links for 'Network Overview', 'My Account', and 'Reports'. The main content area is divided into two sections: 'Sensor List' and 'At a Glance'. The 'Sensor List' section shows a list of sensors with status indicators (green checkmark, red exclamation mark, yellow question mark, power icon, and X icon) and a 'Configure Multiple Sensors' button. The 'At a Glance' section shows a table of sensor data with columns for 'Chart Selected', 'Sensor Name', 'Data', and 'Last Check In'.

Chart Selected	Sensor Name	Data	Last Check In
<input type="checkbox"/>	Humidity	48.99% @ 60.2° F	8/9/2011 9:51 AM
<input type="checkbox"/>	Open / Closed	Open	8/9/2011 9:51 AM
<input type="checkbox"/>	Temperature	66.4° F	8/14/2011 1:40 PM
<input type="checkbox"/>	Water	No Water Present	8/9/2011 9:21 AM

3. Sensor List

#### 1. Menu System

*Network Overview*

- Click to return to “Home” view.


*My Account*

- Click to display and edit account information.

#### 2. Sensor Network “At a Glance”

Displays the most current readings for every sensor in the selected network, all on one easy-to-read page.








#### 3. Sensor List

Displays all sensors that are currently assigned to your sensor network. Clicking on the sensor names allows you to view information for that specific sensor. Clicking the edit button  by a sensor’s name allows you to change the sensor specific settings such as sensor name and heartbeat (report interval).

**Note:** All information stored on the sensor will be downloaded to the sensor on the next sensor heartbeat (Check-in). If you make a change to any setting, you will need to wait until the sensor has downloaded the new information before you can edit the configuration settings again.

#### 4. Sensor Status Indicators and Icons

Displays the status for each individual sensor.

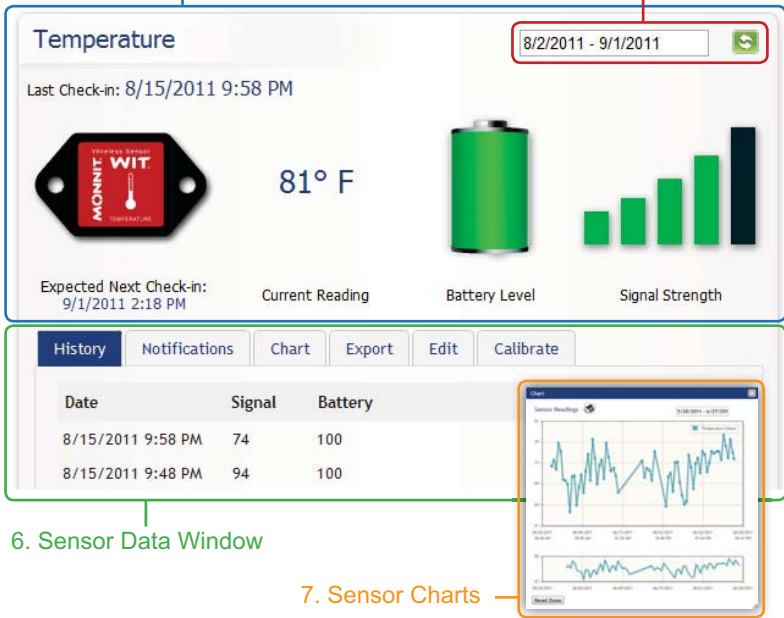
-  Sensor is checking in and within user defined safe parameters.
-  Sensor has met or exceeded a user defined threshold or triggered event.
-  Sensor has not checked in (inactivity alert sent).
-  No sensor readings since shipping
-  No sensor readings will be recorded (Inactive)
-  Edit your sensor
-  Edit your sensor, however some fields are unavailable until pending transactions have been downloaded to the sensor



When you click on a sensor name in the “Sensor List” the right panel will change to this view.

5. Current Sensor Information

8. Date Range Selector



6. Sensor Data Window

7. Sensor Charts

5. Current Sensor Information

Displays the most current information of the selected sensor, including: last check-in, signal strength, battery power and last sensor reading.

6. Sensor Data Window

Select a tab to change between:

- History* - Displays a history of the selected sensor's data.
- Notifications* - Allows you to view, add, edit or delete notifications for the sensor.
- Chart* - Displays a graphical view of the selected sensor's data.
- Export* - Allows you to archive data by exporting as a .csv file.
- Edit* - Allows you to change settings such as sensor name and heartbeat.

The tab highlighted in blue is your current selection.


7. Sensor Charts

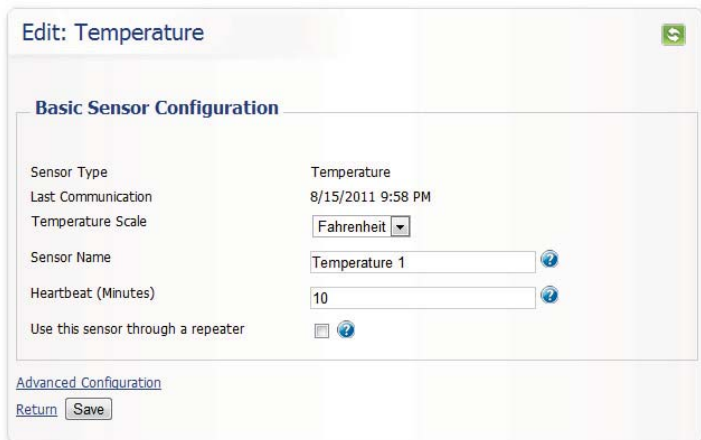
Displays visual charts / graphs for the selected sensor(s) during a specific time period. Charts and graphs can be printed from this view.

8. Date Range Selector

Allows you to choose the date range for viewable information such as sensor history, notifications sent, charts and sensor data export.

## 2 Configuring Sensors

From the Sensor List, click the “Edit” icon  next to the name of the sensor that you would like to configure. Alternately you can click on the “Edit” tab in the Sensor Data Window to access this same area.



The sensor configuration window allows you to set the primary configurations for each sensor. Within this window you can change the name of the sensor, set the heartbeat (how often the sensor checks-in with the software - default is every 10 minutes), and change the unit of measurement. When you have finished making changes, press the “Save” button at the bottom of this section.

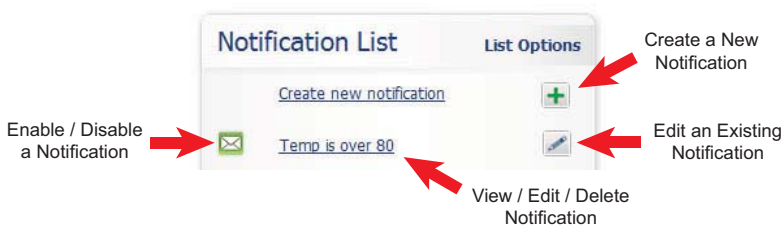
**Note:** Be sure to click the “Save” button anytime you make a change to any of the sensor parameters. *All changes made to the sensor settings will be downloaded to the sensor on the next sensor heartbeat (check-in). Once a change has been made and “Saved,” you will not be able to edit that sensor’s configurations again until the sensor has downloaded the new setting.*

## 3 Setting Up Notifications

Automated notifications can be set up to alert you via SMS text or email if a wireless sensor meets a set threshold or condition. To create a new notification or edit/delete an existing notification, click on the “Notifications” link in the main menu area of the site.



### 1. The Notification List Window



## 2. Creating a New Notification



### Title

Allows you to name your notification.

### Class of Notification

There are four notification options available when creating a new notification.

- **Application** - Application notifications are sensor specific (i.e. water sensor = trigger alert when water present, temp sensor = trigger alert when temp is above 70F, etc.). If creating an application specific notification, you will need to choose what sensor type you are creating the alert for. The system will automatically populate a list of sensor types that are currently being used within the network. The notification you create will be based on the selected sensor type.
- **Inactivity** - Set-up "Inactivity" notifications to alert you when your sensors have stopped communicating with the servers. Failure to set up an "Inactivity" notification will result in no email/SMS txt being sent should your sensors stop communicating with the servers.
- **Low battery** - Allows users to define a battery power percentage level that will trigger an alert from the system, warning them to replace batteries.
- **Advanced Notifications** - Allows the user to set notifications based on more advanced rules, such as comparing past data points with the current one to determine if the notification should be sent.

## 3. Setting and Editing Notification Settings

### People to Notify

Start typing a name into the box and the system will automatically populate the name of a user within your sensor network. If there are already multiple users on the network, a drop down list of names will appear. Select the name of the user for the notification. If the person to be notified does not have an account on the network, you may quick add them by selecting the "Add Recipient" link and entering in their contact information.

### Notification Parameters

This area allows the user to set notification parameters such as the name, the notification message and sensor data conditions that will trigger the notification.

### Assigned Devices

Allows you to tell the system which sensors will trigger the notification being created. When a notifications is sent from the system, it will automatically include the sensor name and data that caused the notification to be sent.

For more information on setting notifications visit <http://www.monnit.com/notification-help>.

#### 4 History and Chart Views

Clicking on the “History” or “Chart” tabs within the sensor data window allows you to view the sensor data history as text or in a graphical chart.



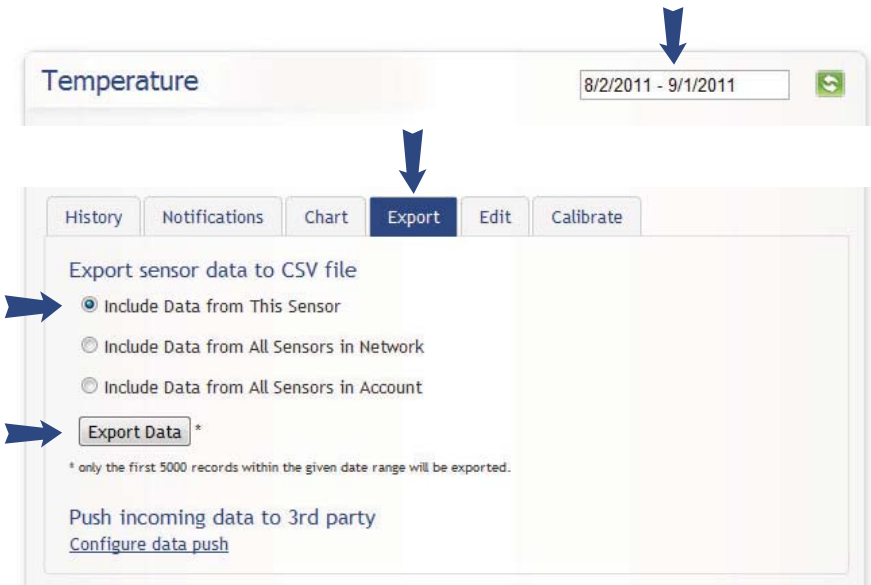
Date	Signal	Battery	Sensor Reading
12/21/2010 4:22 PM	100	90	76.3° F
12/21/2010 4:21 PM	100	90	75° F
12/21/2010 4:14 PM	100	92	73.6° F
12/21/2010 4:09 PM	100	92	74.3° F



**Note:** To change the date range of the viewable information, click on the date range box at the top right of the sensor data window.

## 5 Exporting Data

Clicking on the “Export” tab within the sensor data window allows you to export sensor data to a comma separated value (.csv) file or send the sensor data to an external web source.



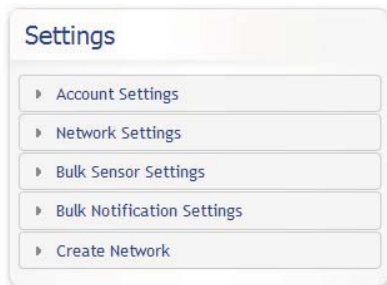
To export sensor data you must first select the date range for the data you want to export. Once the date range is selected, determine whether you want sensor data from the selected sensor only, from all sensors in the network or all sensors assigned to the account. When you are finished, click on “Export Data” at the bottom of this window. The data will be exported to a comma separated value (.csv) file for use in spreadsheet software such as Microsoft Excel®. Depending on your browser settings you may be prompted for a save location. If not, the file will be downloaded to your browser’s default download directory.

**Note:** Only the first 5,000 records within the selected date range will be exported.

You can alternately send your sensors’ incoming data to a 3rd party by clicking on the “Configure data push” link at the bottom of the window. From this area you can pass data from your wireless sensor network devices to another service in real time. This is done by coding the data into a url query then sending the data via http get request at the time data is recieved. There is an extensive list of parameters that can be passed, as listed in the viewed window, that allow you to send detailed information about both the data and the sensor.

## 6 My Account / Settings

Clicking on “My Account / Settings” on the menu will open the Account Master Settings panel where you have access to a variety of account parameters.



### 1. Account Settings

- Edit Account Information
- Add, Delete and Edit Account Users

### 2. Network Settings

- Edit Sensor Network Settings
  - Name sensor networks
  - Turn on / off notifications for an entire sensor network
- Add, Delete and Edit Sensor Gateways
- Add, Delete and Edit Wireless Sensors

### 3. Bulk Sensor Settings

- Configure Multiple Sensors
  - Set sensor parameters simultaneously for sensors of the same type
- Set Sensor Icons

### 4. Bulk Notifications Settings

- Configure All Notification Recipient
  - Set a single contact to receive all notifications set up under the account

### 5. Create Network

- Add New Sensor Networks to Your Account

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## Certifications

### United States FCC

*This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of more of the following measures:*

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**Warning:** *Changes or modifications not expressly approved by Monnit could void the user's authority to operate the equipment.*

## RF Exposure

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**WARNING:** To satisfy FCC RF exposure requirements for mobile transmitting devices, the antenna used for this transmitter must not be co-located in conjunction with any other antenna or transmitter.

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### **FCC ID: ZTL-RFSC1**

*This device has been designed to operate with an approved antenna listed below, and having a maximum gain of 5.1 dBi. Antennas not included in this list or having a gain greater than 5.1 dBi are strictly prohibited for use with this device. The required antenna impedance is 50 ohms.*

*To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (EIRP) is not more than that required for successful communication.*

### **Approved Antennas**

The following antennas are approved for use with FCC ID: ZTL-RFSC1

- Hyperlink HG905RD-RSP (5.1 dBi Rubber Duck)
- Pulse W1063 (3.0 dBi Rubber Duck)
- ChangHong GSM-09 (2.0 dBi Rubber Duck)
- Specialized Manufacturing MC-ANT-20/4.0C (4" whip)

### **FCC ID: MIVCNN0301**

*This device complies with the RF requirements applicable to broadband PCS equipment operating under the authority of 47 CFR Part 24, Subpart E and Part 22 of the FCC Rules and Regulations. This certification is contingent upon installation, operation and use of the Enabler HS 3001 module and its host product in accordance with all instructions provided to both the OEM and end user. When installed and operated in a manner consistent with the instructions provided, the Enabler HS 3001 module meets the maximum permissible exposure (MPE) limits for general population / uncontrolled exposure at defined in Section 1.1310 of the FCC Rules and Regulations.*

*The Enabler HS 3001 module is designed for use in a variety of host units, "enabling" the host platform to perform wireless data communications. However, there are certain criteria relative to integrating the modem into a host platform such as a PC, laptop, handheld, monitor and control unit, etc. that must be considered to ensure continued compliance with FCC compliance requirements.*

*In order to use the Enabler HS 3001 module without any additional FCC certification the installation must meet the following conditions:*

- *The system antenna(s) connected to the Enabler HS 3001 module must be installed to provide at least 20cm separation from the human body during normal operation.*
- *The system antenna(s) used with the Enabler HS 3001 module must not exceed the following levels:*
  - *Band Class 0: the maximum gain is 2.2dBi.*
  - *Band Class 1: the maximum gain is 8dBi.*

*If any of these conditions are not met then additional information should be sought from the FCC or an FCC qualified test laboratory.*

# Canada (IC)

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## English

*Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.*

*This radio transmitter (IC: 9794A-RFSC1 and IC: 4160a-CNN0301) has been approved by Industry Canada to operate with the antenna types listed below with the maximum permissible gain and required antenna impedance for each antenna type indicated. Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.*

*This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.*

*In order to use the Enabler HS 3001 module without any additional FCC certification the installation must meet the following conditions:*

- The system antenna(s) connected to the Enabler HS 3001 module must be installed to provide at least 20cm separation from the human body during normal operation.*
- The system antenna(s) used with the Enabler HS 3001 module must not exceed the following levels:*
  - Band Class 0: the maximum gain is 0dBi.*
  - Band Class 1: the maximum gain is 8dBi.*

## French

*Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.*

*Le présent émetteur radio (IC: 9794A-RFSC1 et IC: 4160a-CNN0301) a été approuvé par Industrie Canada pour fonctionner avec les types d'antenne énumérés ci-dessous et ayant un gain admissible maximal et l'impédance requise pour chaque type d'antenne. Les types d'antenne non inclus dans cette liste, ou dont le gain est supérieur au gain maximal indiqué, sont strictement interdits pour l'exploitation de l'émetteur.*

*Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.*

*Afin d'utiliser le Enabler HS 3001 module sans aucune certification de d'Industrie Canada supplémentaire l'installation doit satisfaire aux conditions suivantes:*

- L'utilisation du système connectée au module de Enabler HS 3001 doit être installée pour fournir la séparation d'au moins 20 cm du corps humain pendant une opération normale.*
- L'utilisation du système utilisée avec le module de Enabler HS 3001 ne doit pas dépasser les niveaux suivants:*
  - Groupe classe 0: le gain maximal est 0dBi.*
  - Groupe classe 1: le gain maximal est 8dBi.*



For additional information or more detailed instructions on how to use your Monnit WIT Wireless Sensors or the iMonnit Online System, please visit us on the web at <http://www.monnit.com/support/>.

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