

# WT500 Device User Manual



## Basic Overview

The WT500 is designed to detect the physical presence of water or when ambient temperature meets a user defined threshold. When the WT500 detects water or abnormal temperature under normal operating conditions, the sensor will go into an alarm state. In an alarm state, the device will go into an audible alarm while triggering an alarm to the device group that it is assigned to.

## WT500 Device Features

<i>Dimensions</i>	Ø 2-7/8" x 1-1/8"
<i>Power Source</i>	CR123A
<i>Built-in Sensors</i>	Gold Plated Water Sensor Pins
	Ambient Air Temperature Sensor
	Tamper Alert Sensor
	Movement Sensor
<i>Voltage</i>	3 VDC
<i>Housing</i>	White ABS Plastic
<i>Audible Notification</i>	Internal Speaker
<i>Wireless Frequency</i>	915 MHz
<i>Input Port Options</i>	Disabled
	Water Sensor (standard)



## Customer Support

GreenField Direct, LLC  
14015 238<sup>th</sup> Street  
Greenwood, NE 68366  
[www.pipeburstpro.com/contact](http://www.pipeburstpro.com/contact)  
E-Mail: [help@greenfielddirect.com](mailto:help@greenfielddirect.com)  
Phone: 866-466-LEAK (5325)  
Hours of Operation: Weekdays 8:00 AM – 5:00 PM CT

## Warranty Information

PipeBurst Pro Products 2/5/7 Year Limited Warranty  
Please visit:  
[www.pipeburstpro.com/warranty](http://www.pipeburstpro.com/warranty) to review full warranty details

# Installation of a WT Device

## *Device association to a Gateway*

1. On your ionleaks dashboard, go to the device tab and select “New Device”.
2. Enter in the device ID and device key for the WT500 and click “Add”. Repeat this step for each sensor that needs to be added before proceeding to step 3.
3. Remove the battery pull tab from the device to power it on. The device will beep as part of its power up sequence.

## *WT Device Placement*

1. Place one WT Device at each desired plumbing fixture, appliance, or other location.
2. Once a WT Device is in its location, open and close the lid of the device to create a tamper event message. This message can be used as a test for functionality and signal strength indication on ionleaks.com
3. Leave the device in its location and monitor through ionleaks.com to check for connection

## *WT Device Customizable Options*

<b>Setting</b>	<b>Description</b>
<i>Water Sensor</i>	When the water sensing pins are wet, the device will send an alarm state to the Group.
<i>Temperature Sensor</i>	Temperature alarm is sent when the sensor meets a user defined temperature threshold.
<i>Movement Sensor</i>	The sensor can detect and record when it is moved.
<i>Tamper Alert</i>	If the lid of the sensor is removed, a tamper alert is triggered.
<i>Data Recording Interval</i>	The sensor is set to check-in with the system at a user determined amount of time.

## *Warnings and Precautions*

- WT Devices operate on communications frequencies which are subject to FCC rules and regulations. Specific information about device conformity can be found at: <https://www.pipeburstpro.com/disclaimers/>
- Placing WT Devices near large metal objects may decrease or block wireless coverage.
- Positioning a WT Device for water detection:
  - WT Device must be placed below the plumbing fixture or appliance it is monitoring.
  - WT Device Water Sensor Pins must be facing the surface the WT Device is sitting on to function properly.
- End User is responsible that the WT Device functionality and installation meets the desired requirements.
- This manual may be updated or changed without advanced notice.
- To learn about changing settings via ionleaks.com, refer to the ionleaks.com User Manual.

### *Wireless Regulatory Information*

Model: WT500

FCC ID: NCM-WT500

IC: 2734A-WT500

Frequency Range: 915 MHz

### *Maintenance Tips for Optimal Device Performance*

- Always replace batteries after a water detection.
- Change batteries when low battery alert is received.
- Clean WT Device housing on a regular basis. Ensure Water Sensing Pins are clear of dust and debris.