

LA CROSSE[®] TECHNOLOGY

Add-on Sensor for existing La Crosse Alerts™ Remote Water Detector & Temp. & Humidity Monitor w/ Early Warning Alerts Model: D012.104.E1

Did you know that frozen pipes that crack and burst damage a quarter million properties each year? The best defense against costly water damage to your home, business or vacation rentals is the La Crosse Alerts™ Remote Water Detector with early warning alerts to notify you of a water leak before it has time to cause extensive damage.*

Use your smartphone, tablet or computer to monitor for water leaks and high or low temperature and humidity levels that could lead to frozen pipes and mold growth.*

Water damage can originate in almost any room: frozen pipes, broken pipes, broken dishwasher hose or leakage, washing machine overflow, leaking roof, basement leaks, foundation cracks, plumbing leaks, sump pump overflow and leaks from bad weather such as snow, rain or floods.*

The good news is that water damage is a costly problem that you can prevent with text and e-mail alerts from anywhere with Internet access.*

Wall-mount the water detector, or use the included tabletop stand and place the H2O sensor on the floor to activate the wireless alert system when it becomes wet.* Alerts are sent when pre-set temperature and humidity levels are exceeded, water is detected and when the batteries are low or the connection is lost, saving you from having to stop and check.*

MONITORING OPTIONS

- Home, second home, office or rental property
- Kitchens, baths, laundry & pool rooms
- Utility sinks, sumps & water heaters
- Basements, garages & attics
- Near aquariums & terrariums
- Greenhouses & farms

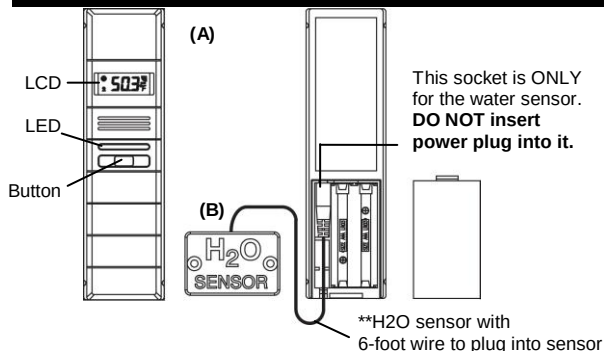
PACKAGE CONTENTS (D012.104.E1)

1. Wireless water detector with ambient temperature and humidity monitor (TX70U-IT)
2. H2O (water) sensor on 6 Ft. detachable cable (D000.104) that detects WET (H2O) or DRY (DRY) conditions.
3. Mounting hardware
4. Instruction manual
5. **IMPORTANT: Activation Key Card** for set up and activation. **Do not throw away.**

ADDITIONAL EQUIPMENT (NOT INCLUDED)

- Two fresh AAA, IEC LR03, 1.5V Alkaline batteries
- Two-sided tape as needed
- Internet Gateway, AC adapter and LAN cable - (all parts of La Crosse Alerts™ full kits, not included)
- Browser with high speed Internet
- Network router

FEATURES AND MEASUREMENTS (Diagram 1)



(A) TX70U-IT Wireless Water Detector / Ambient Sensor: Displays ambient temperature and humidity (Channel 1)

Note: The TX70U-IT water detector case with LCD is not water proof. The case cannot get wet and may be affected by high humidity conditions.

- Monitors ambient air temperature and humidity (CH1) and displays water status determined by H2O sensor (CH2)
- Weather resistant case (not water proof)
- Wall hanging or free standing
- Add up to 5 sensors (sold separately) per Internet gateway(not included) to monitor additional areas
- 200 Ft wireless range

(B) D000.104 Water Sensor on 6 Ft. Detachable Cable: Detects the presence or absence of water which is displayed on the LCD: WET (H2O) / DRY status (Channel 2)

The detachable H2O (water) sensor detects water.

- **Attach it to the main sensor case and place the sensor on the floor or other area you wish to monitor for WET/DRY conditions.
- **The official D000.104 H2O Sensor can be plugged into the sensor at any time without resetting.

HOW IT WORKS

- The wireless sensor transmits water status & temperature and humidity measurements to a La Crosse Alerts™ Gateway (not included) within a 200 Ft. (60.96m) wireless range.*
- The Gateway (not included) connects to your existing network router and uses your high-speed Internet connection to upload collected measurements to your own account at www.lacrossealerts.com.*
- Once the Gateway (not included) and temperature and humidity sensor are activated on your account, you can monitor sensors online from a smartphone, tablet or computer, and set up custom e-mail/text alerts*.

PREPARE FORSETUP

1. Begin the set up near your existing network router and a computer with high-speed Internet access.
2. Unpack package contents and insert the H2O sensor cord into the TX70U-IT water detector (see diagram 1).

SETUP AND ACTIVATION

1. Locate the **Activation Key Card** in the package for setup instructions and the **Activation Key**. The Activation Key is necessary to activate your sensor. Please keep your Activation Card for reference.
2. Visit www.lacrossealerts.com with your Activation Key Card to create your account and activate the product.

ACTIVATION INFORMATION:

THE INCLUDED ACTIVATION KEY is good for **1 year of ENHANCED SERVICE** with early warning text & e-mail alerts, **plus 4 more years of BASIC SERVICE** for standard remote monitoring.



Lost your Activation Key Card?

Contact Customer Support:
www.lacrossetechnology.com/support/alerts
Phone: (608) 785-7920

MEASUREMENT LOG DOWNLOAD

Once the sensor is activated and building a measurement log, you can download the data as a comma separated values (CSV) file. You must use an application such as Microsoft Excel® or Google Docs® that supports comma separated values (CSV) formatted files to view the table data.

SELECT A LOCATION TO MOUNT WATER DETECTOR

Select a location...

- Select a location that protects the sensor from water. The sensor case is water resistant, not water proof.
- Select a location within range of the Internet Gateway (not included) (see "IMPORTANT SETUP & OPERATION NOTES").
- Place H2O sensor on the floor where you choose to monitor for water and secure the water detector case in an area that is protected from water. Once activated, you can view the temperature/ humidity and H2O/Dry readings on the LCD.
- **Mount the sensor once it is activated** (see "SETUP AND ACTIVATION").
- **IMPORTANT! Test the sensor in the desired mounting location for at least 1 hour** to ensure good reception with the Internet Gateway (not included). Confirm your readings at www.lacrossealerts.com before permanently mounting. **Move the sensor closer to the Internet Gateway (not included) if the signal is lost or not received.**

MOUNT TO WALL WITH SCREWS

1. Remove the mounting bracket from the water detector.
2. Place the mounting bracket over the desired location.
3. Mark mounting surface with a pencil through the 2 holes of the bracket.
4. Screw mounting bracket onto surface and tighten screws to bracket.
5. Insert the water detector into the bracket.

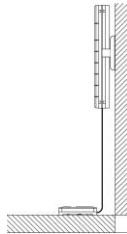


TABLE STAND AND OTHER MOUNTING OPTIONS

Attach the mounting bracket to the bottom or on the top of the water detector and place it on any flat surface.

Note: Before permanently mounting, TEST the sensor in the selected location for at least 1 hour to ensure good reception.



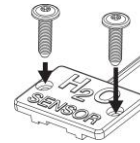
PLACEMENT OF THE H2O SENSOR

The H2O sensor should be placed on the dry floor or against the wall near your foundation, water heater, sump, plumbing, washer aquarium, or dish washer etc. to monitor for leaks.

FLOOR:

Place the H2O sensor (circuit board down) on the dry floor within range of the water detector with temperature / humidity that is mounted on the wall or standing on a table.

Note: The water detector will sit 1/8 inch from the floor in this position.



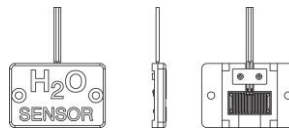
WALL:

Place the H2O sensor against the wall with the edge touching the floor within range of the water detector with temperature/humidity that is mounted on the wall or standing on a table.



- The H2O sensor can be secured to the floor or wall with the included screws & anchors or with two-sided tape (not included).
- Secure the 6 ft. H2O sensor cable to avoid tripping hazards: Loosely coil and secure the extra cable with a twist tie.

CLEANING THE H2O SENSOR



Routine cleaning of the H2O sensor is recommended to ensure proper operation.

Use clean water and a soft cloth to clean dirt and debris from the circuit board of the H2O sensor.

Note: When using two-sided tape, replace the tape after cleaning the H2O sensor to maintain adhesiveness.

IMPORTANT SETUP & OPERATION NOTES

- The water detector with temperature and humidity sensor case should be placed in a dry, shaded area. Please avoid a location with direct sun, as that will cause incorrect readings.
- Fog and mist will not harm the temperature and humidity sensor but direct rain must be avoided.
- **Note:** Exposing the water detector and temperature and humidity sensor case to extreme humidity may temporarily disrupt data. The temperature and humidity sensor case reads humidity, but should not be submerged in water. Attach the H2O sensor on 6 ft. detachable cable to detect water on floor or other location.
- The H2O sensor on 6 ft. cable is not for use in a pool or hot tub where chemicals may cause malfunction.
- The water detector and temperature and humidity sensor has a wireless range of 200 feet (60.96 m). Keep in mind that the 200 ft. range equates to open air with no obstructions, and that radio waves DO NOT curve around objects. Actual transmission range will vary depending on what is in the path of the signal. Each obstruction (roof, walls, floors, ceilings, etc.) will effectively cut signal range in half.

- Metal, stucco, and some types of glass can reduce signal range by as much as $\frac{3}{4}$ or more, compared to the $\frac{1}{2}$ reduction typical of most obstructions. It is possible to receive a signal through these materials, however maximum range will be reduced due to their tendency to absorb or reflect a much larger portion of the sensor's signal.
- The water detector and temperature and humidity sensor measures and updates the temperature and humidity on the LCD every 12 seconds.
Note: The new measurement is reported to your account at intervals that you select using your online account.

BATTERY REPLACEMENT

1. Remove the battery cover by sliding the cover down.
2. Observing the correct polarity install 2-AAA batteries. The batteries will fit tightly (to avoid start-up problems make sure they do not spring free).
3. Do not mix old and new batteries.
4. Do not mix alkaline, lithium, standard or rechargeable batteries.
5. Replace the battery cover by sliding upwards and check that it is securely fitted.

LOW BATTERY INDICATOR

- Low battery icon appears on LCD when batteries are low.
- You will receive an e-mail or mobile text message alert when the battery power of the sensor is low. Change the batteries immediately.

Note: The LED light turns ON briefly after changing batteries. The LED light turns OFF when not needed to save battery power. The previously stored information in the temperature and humidity sensor will not be affected or cancelled while you change the batteries.

MAINTENANCE AND CARE

- Avoid extreme temperatures, vibration and shock.
- Clean the water detector and H2O sensor with a soft, damp cloth. Do not use solvents or scouring agents.
- Do not submerge the water detector case in water.
- Avoid kinking the 6 ft. H2O sensor cable.
- Secure the 6 ft. cable to avoid tripping hazards.
- Immediately remove all low powered batteries to avoid leakage and damage.
- Opening the casings invalidates the warranty. Do not try to repair the unit. Contact La Crosse Technology® for repairs.

DISCLAIMERS

* Disclaimers: La Crosse Technology, LTD. ("La Crosse") provides various alert and monitoring services to aid users. (1)

Service providers may charge users for alert services. Standard messaging and data rates apply and will be billed to the customer's wireless account. Customers may be unable to receive text messaging or data service in some areas due to unavailability of service. (2) La Crosse shall not be liable for accuracy, usefulness or availability of data transmitted via the service. Users are solely responsible for damages to persons or property by service use.

SPECIFICATIONS

Temperature range:	-40°F to 140°F with 0.2°F resolution "OFL" displayed if outside this range.
Humidity measuring range:	3% to 99%
Transmission range:	200 feet (60.96 m) in open space
H2O Sensor on 6 Ft. Cable:	6 ft. detachable water sensor cable that detects wet (H2O) and dry (DRY) conditions. Displays last reading if probe is not connected.
Sensor battery power	2 x AAA Alkaline, IEC LR03, 1.5V
Battery life cycle:	Approximately 24 months
TX70U-IT size:	5.23" H x 0.76" W x 1.44" D
D000.104 H2O Sensor size	.26" H x 1.77" W x 1.17" D

WARRANTY INFORMATION

La Crosse Technology, Ltd provides a 1-year limited warranty on this product against manufacturing defects in materials and workmanship.

This limited warranty begins on the original date of purchase, is valid only on products purchased and used in North America and only to the original purchaser of this product. To receive warranty service, the purchaser must contact La Crosse Technology, Ltd for problem determination and service procedures. Warranty service can only be performed by a La Crosse Technology, Ltd authorized service center. The original dated bill of sale must be presented upon request as proof of purchase to La Crosse Technology, Ltd or La Crosse Technology, Ltd's authorized service center.

La Crosse Technology, Ltd will repair or replace this product, at our option and at no charge as stipulated herein, with new or reconditioned parts or products if found to be defective during the limited warranty period specified above. All replaced parts and products become the property of La Crosse Technology, Ltd and must be returned to La Crosse Technology, Ltd. Replacement parts and products assume the remaining original warranty, or ninety (90) days, whichever is longer. La Crosse Technology, Ltd will pay all expenses for labor and materials for all repairs covered by this warranty. If necessary repairs are not

covered by this warranty, or if a product is examined which is not in need or repair, you will be charged for the repairs or examination. The owner must pay any shipping charges incurred in getting your La Crosse Technology, Ltd product to a La Crosse Technology, Ltd authorized service center. La Crosse Technology, Ltd will pay ground return shipping charges to the owner of the product to a USA address only.

Your La Crosse Technology, Ltd warranty covers all defects in material and workmanship with the following specified exceptions: (1) damage caused by accident, unreasonable use or neglect (including the lack of reasonable and necessary maintenance); (2) damage occurring during shipment (claims must be presented to the carrier); (3) damage to, or deterioration of, any accessory or decorative surface; (4) damage resulting from failure to follow instructions contained in your owner's manual; (5) damage resulting from the performance of repairs or alterations by someone other than an authorized La Crosse Technology, Ltd authorized service center; (6) units used for other than home use (7) applications and uses that this product was not intended or (8) the products inability to receive a signal due to any source of interference.. This warranty covers only actual defects within the product itself, and does not cover the cost of installation or removal from a fixed installation, normal set-up or adjustments, claims based on misrepresentation by the seller or performance variations resulting from installation-related circumstances.

LA CROSSE TECHNOLOGY, LTD WILL NOT ASSUME LIABILITY FOR INCIDENTAL, CONSEQUENTIAL, PUNITIVE, OR OTHER SIMILAR DAMAGES ASSOCIATED WITH THE OPERATION OR MALFUNCTION OF THIS PRODUCT. THIS PRODUCT IS NOT TO BE USED FOR MEDICAL PURPOSES OR FOR PUBLIC INFORMATION. THIS PRODUCT IS NOT A TOY. KEEP OUT OF CHILDREN'S REACH.

This warranty gives you specific legal rights. You may also have other rights specific to your State. Some States do not allow the exclusion of consequential or incidental damages therefore the above exclusion of limitation may not apply to you. **For warranty work, technical support, or information, please contact:**

La Crosse Technology, Ltd
2817 Losey Blvd. S.
La Crosse, WI 54601

www.lacrossetechnology.com/support/alerts



Lost your Activation Key Card?

Contact Customer Support:
www.lacrossetechnology.com/support/alerts
 Phone: (608) 785-7920

PROTECTED UNDER US PATENTS:

5,978,738 6,076,044 6,597,990

FCC STATEMENT

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.
- 2) This device must accept any interference received, including interference that may cause undesired operation.

All rights reserved. This handbook must not be reproduced in any form, even in excerpts, or duplicated or processed using electronic, mechanical or chemical procedures without written permission of the publisher.

This handbook may contain mistakes and printing errors. The information in this handbook is regularly checked and corrections made in the next issue. We accept no liability for technical mistakes or printing errors, or their consequences. All trademarks and patents are acknowledged.

LA CROSSE ALERTS MONITORS ONLINE

For online product information:
www.lacrossetechnology.com/alerts

All rights reserved. This handbook must not be reproduced in any form, even in excerpts, or duplicated or processed using electronic, mechanical or chemical procedures without written permission of the publisher.

This handbook may contain mistakes and printing errors. The information in this handbook is regularly checked and corrections made in the next issue. We accept no liability for technical mistakes or printing errors, or their consequences. All trademarks and patents are acknowledged.

EJMATX70L210

Printed in China