

METER FEATURES



Welcome to your Smart Home Water System



SMARTLOWH2O INSTALL GUIDE

CONTACT US

For questions, troubleshooting and assistance, contact

support@soneter.com

MEET YOUR SMART WATER METER

LEARN. MONITOR. PROTECT.

Know your water like never before.

Additional Information, Warnings, and Certifications

Industry Canada Regulations:

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.

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.

Cet équipement est conforme aux limites d'exposition aux radiations ICES définies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé à une distance minimale de 20 cm entre le radiateur et une partie de votre corps

Federal Communications Commissions Regulations:

NOTE: 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 instructions, 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 or 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.

15.19(a)(3): 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.

NOTE: THE GRANTEE IS NOT RESPONSIBLE FOR ANY CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE PARTY RESPONSIBLE FOR COMPLIANCE. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT

This equipment complies with the FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and any part of your body.

SKIN CONTACT Wash your hands thoroughly after some paper towels nearby while installing the monitor.

GREASE APPLICATOR Grease allows the ultrasonic signal to pass through the pipe. If there is too little or too much grease covering the sensors, no readings will occur. Use as directed.

POWER SUPPLY Your meter must be installed where an outlet is accessible either directly or via extension cord (not included).

EMERGENCY CLOTH Removes dirt, dust and particles from the pipe. You can determine your pipe size by wrapping the cloth end to end around the pipe; if it touches then the pipe is 3/4", if not then it is 1".

ZIP TIES Allows ultrasonic signals to enter the pipe.

SENSORS Indicates pipe calibration status or if there is proper signal through the pipe.

GUIDES The zip ties that are used to secure the meter on the pipe.

3 ZIP TIE CHANNELS or restoring factory settings.

2 POWER CONNECTOR Accepts the included AC power cord to provide power to the meter.

1 PUSH BUTTON Used for pipe calibration or restoring factory settings.

1. WI-FI CONNECTION

Setup using an iPhone or iPad is not yet supported, for best experience please either use a PC, Mac computer, or Android phone to connect to Wi-Fi. After Wi-Fi is connected, you will be able to log in to your account with any device.

1 CONNECT TO METER

Plug in your meter to any standard wall outlet that is close to your wireless router. The blue LED will be solid. If not, push the button 5 times in less than 5 seconds. On a computer or mobile device, open Wi-Fi settings and connect to the network named "Soneter_XXXX" where the X's are replaced by the 4 characters below.

Soneter_ _____

If the network doesn't appear, move closer to the meter or press the push button 5 times in less than 5 seconds. The unit will reset and the blue LED will become solid. The network should now appear.

2 CONNECT METER TO HOME WI-FI

When connected to the Soneter network, open a browser page. Enter the URL <http://10.10.100.254>. Fill in your network SSID and Password, and click Connect.

When you see a message saying "rebooting", close this page and rejoin your home Wi-Fi network. The blue LED will flash intermittently for about a minute. When continually single flashing, the meter is connected. *If it is continually double flashing after a minute, press the push button 5 times in under 5 seconds. The blue LED will become solid and reset its network. Repeat steps 1 and 2.*

Single flash pattern - Wireless connection is functioning normally



3 LOG IN TO ACCOUNT [GO TO: WWW.DASHBOARD.SONETER.NET](http://www.dashboard.soneter.net)

User Name:

Password:

2. INSTALL LOCATION

1 CHOOSE LOCATION ON PIPE

Find your main water shutoff valve. Look for a spot near the shutoff valve that has at least 5 inches of straight exposed pipe. The meter does not need to be immediately adjacent to the shutoff valve.

The location should be on the main water line before it branches off to outdoor, your water heater, etc. The meter works on 3/4" and 1" copper and cpvc pipe. Wait until step 3 to install the meter, but place it on the chosen pipe to ensure it fits and the sensors can contact the pipe surface.

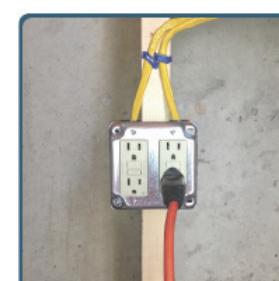


2 PLUG IN & VERIFY WI-FI

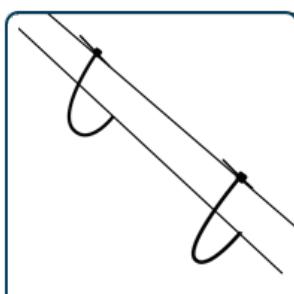
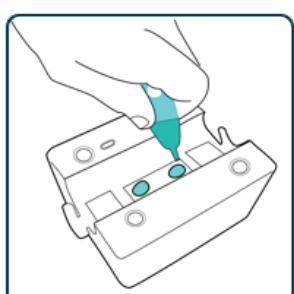
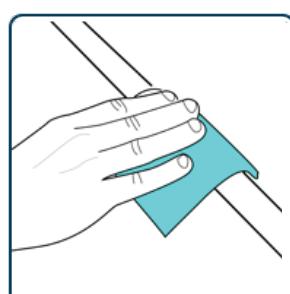
The selected location must allow the meter to plug in to a standard wall outlet. You may need an extension cord.

Plug in the meter. The blue LED will flash intermittently for about a minute after plugging in. When it is continuously single flashing, it is connected.

If the blue LED is continually double flashing after a minute or so, you may need to move closer to your router or away from obstacles. (HVAC ducts, etc.)



3. INSTALL METER



1. CLEAN PIPE

Use the included emery cloth to remove dust, paint or other particles.

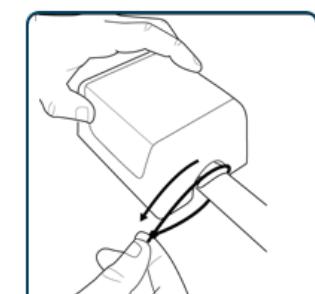
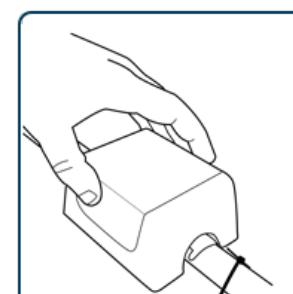
2. APPLY GREASE

Using half of the tube, apply dime-sized drops of grease to the specified sensor areas on the back of the meter.

3. SET ZIP TIES

Loosely fasten two zip ties around the pipe. This will help make securing the meter easier.

WARNING Only use the included grease tube to install the meter. Do not use any other substance, or the pipe material may be affected. There is enough grease in the included tube for two applications.



4. MOUNT METER

Press the meter onto the pipe between the two zip ties.

Be very careful not to twist or slide the meter as this may displace the grease.

5. SECURE ZIP TIES

Without shifting the meter, move the zip ties over the tabs.

Hold the meter against the pipe and tighten the zip ties over the tabs so they are as tight as possible.

4. CALIBRATION

When the green LED is double-flashing, this means it is ready for calibration.



If it is still single-flashing, the signal is not strong enough to pass through the pipe. Cut off the zip ties, use a paper towel to wipe the grease off the pipe and bottom of the meter. Repeat steps 1 - 5 in Section 3, making sure the grease is applied properly and zip ties are fully tightened.

1 RUN SET ZERO

Turn off your main water shutoff valve, or be sure there is absolutely no water running. Once there is no water flowing, hold down the **push button** for 5-8 seconds to run a set zero. The green LED will blink rapidly for about 30 seconds during this process. When successful, it will proceed to a triple flash.

If the green LED continues double flashing, be sure there is no water flow in the pipe and repeat the set zero process. Continue until triple flash.

2 SET FLOW DIRECTION

When the set zero is complete, the green LED will triple flash. Turn your main water shutoff valve back on and run any water fixture for a few seconds. This allows the meter to know which way the water is flowing.

After flushing a toilet or running a sink, the green LED should become solid, indicating the meter has completed the setup process. *If the green LED is still triple flashing, the meter may not be installed on the main water line.*

You should now be able to log in to your account and verify you are able to see live water flow.