



Next Century LS4 Wireless Leak Monitoring Solution Installation Guide

[Home](#) » [Next Century](#) » Next Century LS4 Wireless Leak Monitoring Solution Installation Guide 

Contents

- [1 Next Century LS4 Wireless Leak Monitoring Solution](#)
- [2 Instructions](#)
- [3 Service & Support](#)
- [4 Technical Summary](#)
- [5 Package Contents](#)
 - [5.1 Sense Cable Options](#)
- [6 Warranty](#)
- [7 Installation & Programming](#)
 - [7.1 Programming](#)
- [8 Leak Monitoring & Subscriptions](#)
- [9 Contact Information](#)
- [10 Documents / Resources](#)
 - [10.1 References](#)
- [11 Related Posts](#)



Next Century LS4 Wireless Leak Monitoring Solution



Instructions

The Leak Sensor (LS4) introduces advanced water detection to the NextCentury platform. Paired with a comprehensive monitoring solution, protecting your property against costly water damage claims and repairs.

Advanced Leak Detection

The Leak Sensor is designed with smart water detection technology, ensuring that leaks are quickly detected and false alarms are prevented. Equipment status is continually reported to show sensor readiness across your property.

Comprehensive Monitoring

The NextCentury Leak Monitoring solution is purpose-built for the needs of multi-family and commercial properties.

The monitoring service includes a property portal, giving on-site staff a focused view of equipment health and alert status. A comprehensive suite of email, text, and phone notification options ensure leaks are discovered and fixed quickly.

Purpose-Built Wireless Connectivity

Alerting is relayed over a dedicated wireless infrastructure and routed to a cloud-connected Gateway. Communication redundancy maximizes protection uptime.

The NextCentury RF network is the proven solution for servicing properties with even many thousands of sensor end-points in tower or multi-building configurations.

Service & Support

- 24/7 service support line
- Operator portal empowers on-site staff to respond quickly
- Simple dashboard view of alert status and equipment health
- Comprehensive email, text, and phone notifications

Easy Installation

- Single-point or multi-point leak detection per device
- Simple on-site setup with the NCSS Mobile App
- Instant device feedback confirming connectivity

Built to Last

- Field replaceable 12-year battery
- Compatible with all generations of NextCentury equipment

Technical Summary

Approvals

- FCC ID: 2AB8I-LS4
- IC: 20949-LS4

Temperature

- Ambient 36°F to 140°F | 2°C to 60°C
- Storage 0°F to 100°F | -18°C to 38°C

Installation Requirements

Indoor installation only Up to 90% non-condensing humidity

Communications

Built-in NextCentury Connect™ 902-928 MHz wireless Wireless alerts received by Gateway (required)
Compatible with all NextCentury Gateways and Repeaters

Data

Web and mobile app facilitating installation Configurable immediate alerts and notifications Open API access to interval data

Interval data: cable status, alert status, temperature

Battery

Typical 12-year battery longevity

Field-replaceable CR18505 lithium battery

In-Field Setup

Simple mobile programming with preset location prompts Attach photo documentation of installation location Tone confirms Sense Cable connection

LED confirms wireless connection

Alerts

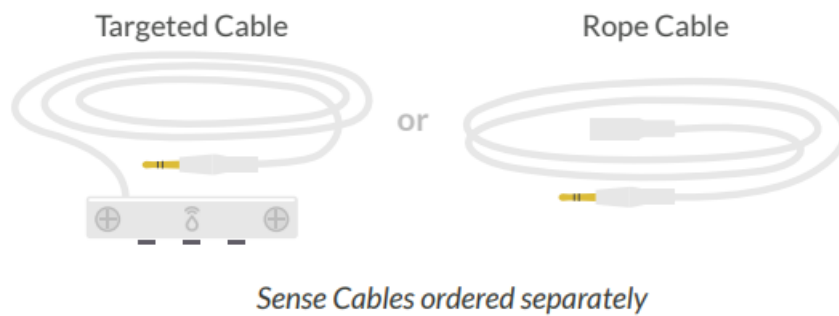
Property portal for easy on-site management Audible tone to notify of leak location Immediate phone, text, and email notifications

Package Contents



- A) LS4 Leak Sensor
- B) Mounting Plate
- C) Sheetrock Anchors and Screws

Sense Cable Options



Targeted Cable – Our targeted sensors provide property owners peace of mind with a simple and secure installation in leak prone areas

Rope Cable – Our durable and fast drying rope sensors are quick and easy to install, creating a leak detection zone along the cable's entire 6 ft length (1.8 m)

Mix and match up to 3 Sense Cables to extend detection area up to 18 ft (5.5 m)

Warranty

NextCentury warrants all communication equipment will be free from defects under normal use for a period of 3 years from the date of manufacture

For full warranty information, please refer to the Data Gathering System Warranty document.

Installation & Programming

Installation Locations

Common installation locations include areas where small leaks are likely to go undetected. Such as, behind and under washers, water heaters sinks, refrigerators, etc.

Mounting Sensor

Select a location for the Leak Sensor that will be accessible for future inspection.

Peel off backing on the included adhesive pad and mount onto the wall. Slide the sensor onto the mounting plate. (Optional) For additional holding strength, the included screws and plastic anchors can be used. Pre-drill using a

7/32" (5.5mm) drill bit.

Sense Cables

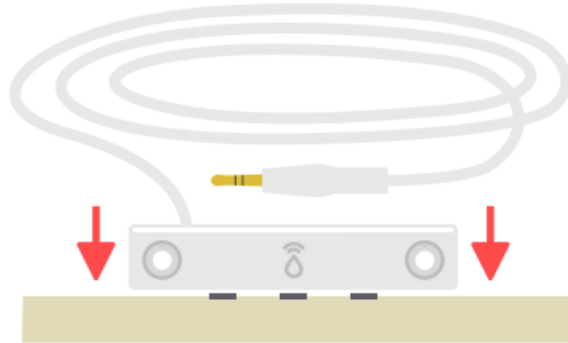
Ensure style and quantity of Sense Cables ordered fit installation requirements.

Plug in the Sense Cable, tone will confirm connection.

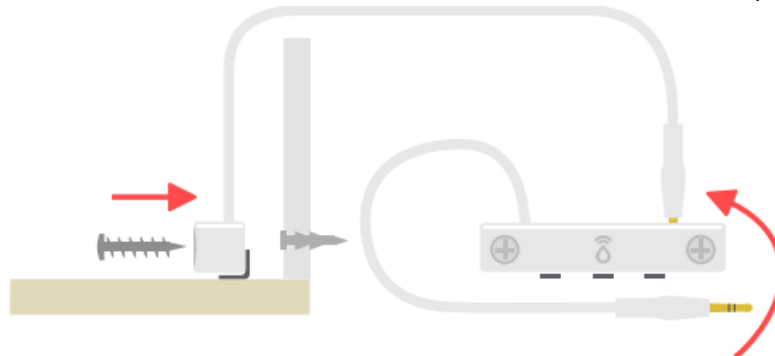
For Rope Sense Cable, route and secure the cable. Water will be detected anywhere along the cable.



For Targeted Sense Cable, secure with contacts touching the floor using provided hardware.



For multi-point detection, connect additional Sense Cables to extend detection area up to 18 feet.



Programming

Programming is the process of associating the sensor's serial number with its installed location.

This process is quick and simple using the NextCentury web or mobile app. The website offers a rapid programming interface which is convenient for pre-programming devices before installation

(nextcenturymeters.com) Or, your meters can be programmed incrementally during installation using the mobile app.

Create the Building Layout

Using the web or mobile app, recreate your property's layout by adding buildings or floors and unit numbers.

Add Gateway and Repeaters

Add the serial number of the Gateway and Repeaters which have been or will be installed.

Scan the Sensor's Barcode

Using an accessory barcode scanner or the mobile app's built-in barcode scanner, capture the serial number of the sensor.

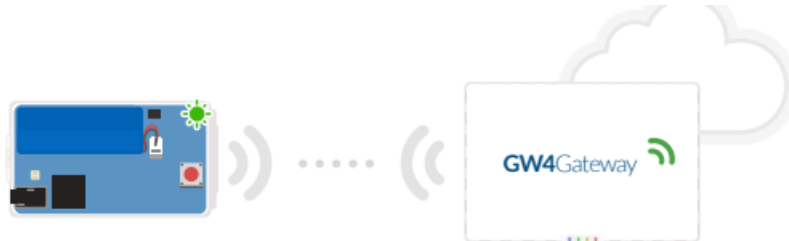


Enter any location or description information that will be useful for tracking and maintenance.

Enter any location or description information that will be useful for tracking and maintenance.

Wireless Communication

Open the cover of the sensor and press the red button to initiate a two-way wireless check-in. The sensor's LED indicator will blink green two times verifying its connection with the Gateway.



If green blinks are not seen, ensure the Gateway is online and any needed Repeaters are powered on. Press the red button again to retry – if green blinks are not seen after retrying, an additional Repeater likely needs to be installed.

Leak Monitoring & Subscriptions

Leak Monitoring Subscription

Enable the Leak Monitoring Service subscription to begin utilizing the full suite of leak protection features. Manage active leak alerts from the web app or allow property managers to manage alerts through Property Operator portal.

Once configured, alerts will automatically go out via phone, text, and/or email. Alert notifications are repeated until one of the Alert Contacts confirms that they have received the alert.

Property Operator Portal

On the website, add a user to the property as a Leak Alert Contact.

Once a contact is added, they will receive an email with a link that will allow them to access the property portal. This allows them to view and manage property alerts as well as add any additional contacts for notification and access.

When a contact is added to multiple properties, they will receive a single email granting access to all the properties. Once logged in, users can select which property to view.

Alert Contacts

In the property portal, select the gear icon to view the existing contacts for your property. Select "Add New Contact". Submit the email and phone number of the user.



Alert Contacts

[+ Add New Contact](#)

Contacts will automatically receive phone call, text message, and email notifications when a leak has been detected.

Acknowledging Alerts

Notifications messages will continue until a Leak Alert Contact acknowledges the alert through a prompt over the phone or by clicking the link sent within a text or email notification.

Alert Details

The dashboard highlights any current alerts or equipment health issues. Easily view where and when each Leak Alert occurred from within the property portal.



Water Detected!

1 Leak Sensor has detected water

Unit 101 • Kitchen [View Details](#)



Leak Monitoring Service Line

24/7 leak monitoring service support for management, alert, and notification assistance.
(385) 213 4514

Contact Information

For additional information or assistance, please visit our Support Center or contact our Product Support Team:

support.nextcenturymeters.com

(844) 538 8203 ext. 2

support@nextcenturymeters.com

nextcenturymeters.com

Documents / Resources

	Next Century LS4 Wireless Leak Monitoring Solution [pdf] Installation Guide LS4 Wireless Leak Monitoring Solution, LS4, Wireless Leak Monitoring Solution, Leak Monitoring Solution, Monitoring Solution, Solution
--	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

References

-  [NextCentury](#)

Manuals+.