

Armada Smart Water Leak Sensor

Early Water Leak Detection – Protect Your Property before Damage Occurs

Powered by Shelly Flood Gen4 | Model S4SN-0071A

The Armada Smart Water Leak Sensor is a compact, battery-powered device that detects water intrusion when it happens — alerting you before a minor leak becomes a major repair. Installed near appliances, under sinks, along pipes, or in mechanical rooms, it provides continuous monitoring without any hardwiring or plumbing modifications.

Property teams access data, alerts, and reports through Fleet Commander and the Armada Power mobile app. Residents can view the sensor status through the app as well.



Powered by
armada

Value for the Property

- Water leak alerts sent to Fleet Commander — catch issues before they cause structural damage, mold, or costly unit turnover.
- Extendable sensor cable covers large or hard-to-reach areas — under water heaters, behind dishwashers, along supply lines, and in mechanical rooms.
- Cable extends up to 150 meters with additional sensor cables, enabling coverage of large utility areas or entire floors.
- IP44 rated — durable in humid, splash-prone environments without additional enclosure or protection.
- Battery-powered with no wiring or plumbing changes required — typically placed and operational in minutes.

Value for the Resident

- Notifications through the Armada Power mobile app when water is detected near appliances or plumbing.
- Peace of mind in kitchens, laundry rooms, and bathrooms — the highest-risk areas for residential water damage.
- Operates silently in the background and alerts only when water is actually detected.
- Low battery alert ensures sensor coverage is never lost without advance notice.



How it Works

The sensor's 2-meter leak detection cable sits along floors, under appliances, or beside plumbing lines where water is most likely to appear first. When water contact occurs, the sensor activates and triggers an alert to property management through Fleet Commander and/or the Armada Power mobile app.

The sensor checks for water contact every 5 seconds, balancing fast detection with extended battery life.

Recommended Installation Locations

- Under electric water heaters and water supply lines
- Beneath kitchen sinks and dishwashers
- Behind or under washing machines

- In mechanical rooms, boiler rooms, and utility closets
- Along baseboards and pipe runs in utility spaces
- Laundry rooms and where water connections are present

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For more information email sales@armadapower.com or call 1 (855) 820-7500.



Armada Smart Water Leak Sensor – Specifications

Hardware Specifications

Model	Shelly Flood Gen4 S4SN-0071A
Dimensions	97 × 76 × 25 mm / 3.82 × 2.99 × 0.98 in
Weight	91 g / 3.21 oz without batteries 185 g / 6.53 oz with batteries
Shell Material	Plastic – White
Mounting	Wall mount or floor placement
Protection Class	IP44 – splash-resistant; suitable for humid, high-risk environments
Power Supply	4 × AA 1.5V batteries (included)
Battery Life	Approx. 2 years (varies by alarm mode, usage, and signal strength)
Leak Sensor Cable	2 m included; extendable to 150 m with additional cables
Detection Interval	Every 5 seconds
Warranty	3-year limited warranty (Gen4 device)

Connectivity

Wi-Fi	802.11 b/g/n/ax 2.4 GHz Up to 30 m / 100 ft indoors
Bluetooth	Bluetooth 5 (LE) Up to 10 m / 33 ft indoors
Zigbee	802.15.4 Up to 100 m / 328 ft indoors
App Access	Armada Power App (residents) Fleet Commander (property management)

Environmental Rating

Operating Temp	-20°C to 40°C / -5°F to 105°F
Humidity Range	30% to 70% RH
Max. Altitude	2,000 m / 6,562 ft

Armada Platform

- Fleet Commander – Property and portfolio-level monitoring, alerts, and device status for property teams
- Armada Power App – Property team and resident notifications, alerts and device status
- Per-device alert configuration
- Pairs with Armada Power Optimizer for complete water heater and leak monitoring coverage

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