

SHELLY FLOOD GEN4

Shelly Flood Gen4 Smart Battery operated Water Leak detector with 2m cable Sensor

Product Overview

Shelly Flood Gen4 Smart Battery operated Water Leak detector with 2m cable Sensor, Wall Mounting, Plastic Shell material, 4x AA 1.5 V Batteries, Approx. 2 years estimated Battery Life, 2 m Extendable Leak Sensor cable, Wi-Fi, Bluetooth, Zigbee, Flood detection and rain detection



Specifications

Overview Summary:

Protect your home from costly water damage with the Shelly Flood Gen4 Smart Water Leak Detector. Designed for reliability and flexibility, this battery-powered sensor uses a 2m extendable cable to detect leaks early, sending instant alerts directly to your smartphone. With support for Wi-Fi, Bluetooth, Zigbee, and Matter, it integrates seamlessly into most smart home systems, giving you full control no matter where you are.

Ideal for kitchens, basements, garages, and holiday homes, this compact device offers continuous monitoring with minimal maintenance thanks to its long battery life. Easy to install and highly responsive, it's a practical solution for preventing water damage before it escalates. Buy now and secure your property with smart, real-time protection.

Performance tier:Mid-range smart home protection

Uses:leak detection, flood monitoring, rain detection, smart home automation, appliance protection, property monitoring

Overview:

Smart Water Leak Detection for Modern Homes

Stay one step ahead of water damage. Smart flood sensor with a leak sensor cable, ready to catch unexpected issues before they escalate. Delivers real-time alerts and fits perfectly into your smart home system. Ideal for basements, kitchens, garages, laundry rooms, holiday homes or any area at risk.

Description:

The Shelly Flood Gen4 is a versatile, battery-powered water leak detector designed to provide early warnings and prevent costly damage. With multi-protocol connectivity including Wi-Fi, Bluetooth, and Zigbee, it integrates easily into most smart home ecosystems. The included 2 meter extendable sensor cable allows flexible placement in both tight and wide areas, while customizable alarm modes and automation support ensure responsive and intelligent protection. Its long battery life and compact design make it suitable for continuous monitoring in both residential and remote properties.

Features:

Reliable Leak Detection Where It Matters Most

Shelly Flood Gen4 responds immediately when water is detected, helping you act before minor issues escalate. Alerts are sent directly to your mobile device or automation system, ensuring you stay informed whether you are at home or away. The extended sensor cable increases coverage, making it practical for monitoring under appliances, along pipes, or across larger surfaces.

With support for multiple connectivity standards, the device adapts to your setup rather than forcing changes. It integrates smoothly with platforms like Apple HomeKit, Google Home, and Home Assistant, offering flexibility for both simple and advanced automation environments.

Flexible Monitoring with Smart Detection Modes

Two detection modes allow you to tailor monitoring to your environment. Flood Detection identifies leaks and spills instantly, while Rain Detection can detect early moisture changes outdoors when paired with proper placement.

Alarm modes can be adjusted depending on your priorities:

- Intense mode for immediate and frequent alerts in high-risk zones
- Normal mode for balanced monitoring in everyday environments

- Economic mode to conserve battery in low-risk or unattended locations

Built for Automation and Remote Control

Shelly Flood Gen4 supports local automation, enabling actions even without internet connectivity. This is particularly useful in remote properties or areas with unstable networks. It can trigger responses such as shutting off water valves or activating alarms when paired with compatible devices.

Control and monitoring are accessible through the Shelly Smart Control app or third-party platforms, giving you full visibility and control from anywhere.

Practical Applications Across Different Environments

This device adapts well to multiple real-world scenarios:

- Under appliances such as washing machines or dishwashers where leaks are common
- In basements and garages where flooding risk is higher
- In holiday homes or cabins requiring long-term unattended monitoring
- On patios or outdoor spaces when configured for rain detection

Its battery-powered design eliminates the need for wiring, allowing quick installation in virtually any location.

Connectivity and Integration Options

Shelly Flood Gen4 supports a wide range of communication protocols, making it highly adaptable:

- Wi-Fi for direct cloud and app connectivity
- Bluetooth for local control and quick setup
- Zigbee for integration into mesh-based smart home systems
- Matter compatibility for unified smart home ecosystems

Key Technical Details

- Part Number / SKU: SHELLY FLOOD GEN4
- Dimensions: 97 x 76 x 25 mm
- Weight: 91 g without batteries, 185 g with batteries
- Power source: 4 x AA 1.5 V batteries
- Estimated battery life: up to 2 years depending on usage
- Leak sensor cable: 2 m extendable up to 150 m
- Operating temperature: -20 C to 40 C
- Humidity range: 30 to 70 percent RH
- Protection rating: IP44

Wireless Performance Overview:

- Wi-Fi range: up to 30 m indoors and 50 m outdoors
- Bluetooth range: up to 10 m indoors and 30 m outdoors
- Zigbee range: up to 100 m indoors and 300 m outdoors

Performance may vary depending on environmental conditions and installation placement.

Compact Design with Long-Term Reliability

The device features a durable plastic enclosure with wall mounting support, ensuring secure placement in both visible and concealed areas. Its efficient power management and customizable alert settings allow for extended operation with minimal maintenance.

For users seeking dependable leak detection with modern smart home integration, the SHELLY FLOOD GEN4 offers a practical and scalable solution.

Specifications:

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Specifications

Product Code	SHELLY FLOOD GEN4
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Physical

Size (HxWxD)	97x76x25 mm / 3.82x2.99x0.98 inch
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Weight	91 g / 3.21 oz (without batteries)
	185 g / 6.53 oz (with batteries)

Mounting	Wall
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Shell material	Plastic
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Shell color	White
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Environmental

Ambient working temperature	-20degreesC to 40degreesC / -5degreesF to 105degreesF
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Humidity	30% to 70% RH
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Max. altitude	2000 m / 6562 ft
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Electrical

Power supply	Batteries
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Battery type	4x AA 1.5 V
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Estimated battery life	approx. 2 years (depending on batteries used, device usage, and network connection strength)
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Sensors, meters

Leak sensor cable	2 m, extendable (up to 150 m), attaches via designated port
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Wi-Fi

Protocol	802.11 b/g/n/ax
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RF band	2401 - 2483 ?Hz
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Max. RF power	< 20 dBm
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Range	Up to 30 m / 100 ft indoors and 50 m / 160 ft outdoors
	(Depends on local conditions)

Bluetooth

Protocol	5 (LE)
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RF band	2402 - 2480 MHz
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Max. RF power	< 20 dBm
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Range	Up to 10 m / 33 ft indoors and 30 m / 100 ft outdoors
	(Depends on local conditions)

Zigbee

Protocols	802.15.4
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ComX Computers

Product Specification Sheet

RF bands	2405 to 2480 MHz
Max. RF power	< 20 dBm
Range	Up to 100 m / 328 ft indoors and 300 meters / 984 ft outdoors
	(Depends on local conditions)
Microcontroller unit	
CPU	ESP-Shelly-C68F
Flash	8 MB
Firmware capabilities	
Schedules	No
Webhooks (URL actions)	10 with 2 URLs per hook
Scripting	No
MQTT	Yes
UDP	Yes
KVS (Key-Value Store)	Yes

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:

<https://www.comx-computers.co.za/SHELLY-FLOOD-GEN4-Shelly-Flood-Gen4-Smart-Battery-operated-Buy-p-336967.php>

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