

01 • SMART WATER LEAK DETECTOR • ROPE ATTACHMENT

Point of Leak Sensor.

A compact, intelligent rope-style water leak sensor engineered for reliable protection against water damage. Built for precise detection in tight or defined areas – combining advanced sensing technology with a seamless user experience for homes, apartments, and commercial properties.

MODEL

WS-1000

FORM FACTOR

Rope-style, hook-mounted

WIRELESS

LoRa, sub-GHz

USE

Indoor

KEY FEATURES

§ 1.1



Long-Range LoRa

Sub-GHz wireless reaches ¼ mile open-air – no Wi-Fi at the sensor.



5-Year Battery

Two standard AAA alkalines; replaceable, no recharging required.



105 dB Sounder

Integral piezo alarm; remotely disable in-app to extend battery life.



Control-D2D Pairing

Device-to-device link; works without internet, Wi-Fi, or power.



Open Integrations

Native support for Alexa, IFTTT, and Home Assistant.

5 YR

BATTERY LIFE

¼ MI

WIRELESS RANGE

105 dB

AUDIBLE ALARM

4.2 FT

SENSOR CABLE

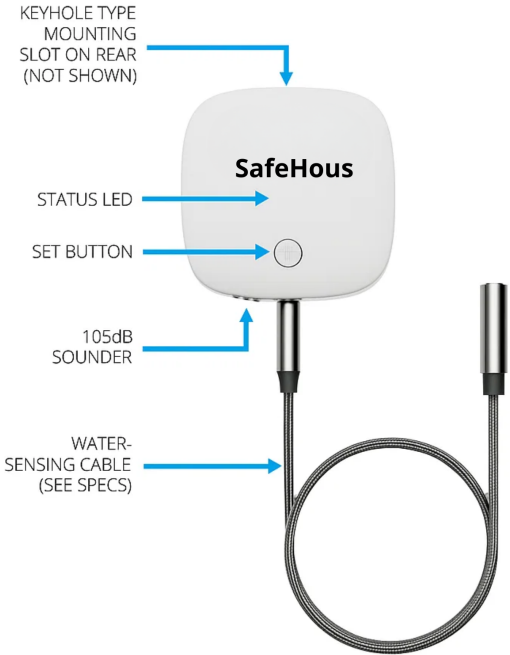


FIG. 01 • WS-1000 – ANNOTATED FRONT VIEW WITH 4.2 FT CABLE SENSOR

62 MM • 2.44 IN

Full Specifications.

Mechanical, electrical, and environmental parameters. All values reference SafeHous internal testing under nominal operating conditions.

MECHANICAL & ELECTRICAL

§ 2.1

AUDIBLE ALARM

Piezo Sounder, 105 dB max

Disable via SafeHous App

CABLE SENSOR

4.2 ft / 1.2 m

10 ft lengths available

OPERATING HUMIDITY

≤ 95% RH

Non-condensing

DIMENSIONS

2.44 × 2.44 × 0.80 in

62.0 × 62.0 × 20.4 mm

POWER

2× AAA · 3 V DC

Alkaline, included & replaceable

OPERATING TEMP

−4 °F to 122 °F

−20 °C to 50 °C

USE ENVIRONMENT

Indoor Only

Protect from elements outdoors

MOUNTING

Keyhole slot (rear)

Hook + 3M™ adhesive tape included

PERFORMANCE REFERENCE

§ 2.2

PARAMETER	VALUE	NOTES
Wireless protocol	LoRa · sub-6Hz, long-range	From source PDF
Open-air range	≈ ¼ mile (≈ 400 m)	Line of sight
Pairing method	Control-D2D (device-to-device)	No internet required
Battery life – alarm enabled	Up to 5 years	Typical use
Audible alarm SPL	105 dB @ 10 cm	Piezo sounder
Detection method	Conductive rope-cable sensor	Cable contact
Sensor cable length	1.2 m std · 3.0 m optional	10 ft = special order

Connectivity

§ 2.3

- LoRa wireless radio SUB-GHZ
- Control-D2D pairing LOCAL MESH
- SafeHous App IOS · ANDROID
- Amazon Alexa ROUTINE
- IFTTT WEBHOOK
- Home Assistant NATIVE

Compliance

§ 2.4

- FCC

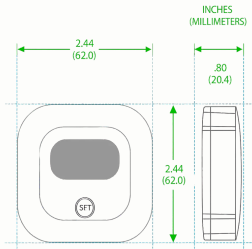
PART 15
- IC

RSS-247
- RoHS

2011/65/EU
- Indoor use only PERM FR.
 - Non-condensing env. ≤ 95% RH
 - Replaceable batteries USER-SERV.

Dimensions

§ 2.5



62 × 62 × 20.4 MM · 2.44 × 2.44 × 0.80 IN

WHAT'S INCLUDED

§ 2.6

01

Point of Leak Sensor

WS-1000 main unit

02

Mounting Hook

w/ 3M™ adhesive tape

03

Cable Sensor

4.2 ft / 1.2 m rope-style

04

AAA Batteries

2 × alkaline, pre-installed

05

Quick Start Guide

Printed user manual