

H6Pro-LW1 Water Leak Sensor Kit
User Manual

Introduction

H6Pro-LW1 Kit — Smart Water Leak Alert System
Detect leaks and receive instant alerts anywhere.

Includes:
LW1 Sensor :Detects water leaks and freezing temperatures.
H6Pro Hub: Connects sensors to MOCREO App; includes a soft night light.

How the System Works

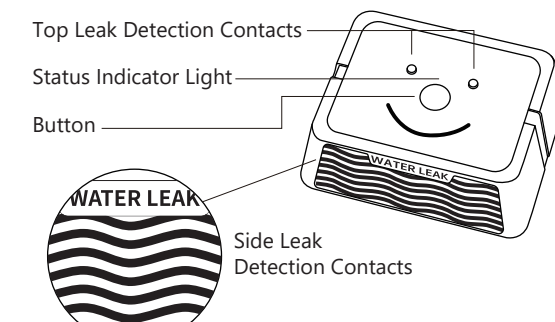
Sensor → Hub: Data sent via LoRa protocol (Long range, up to 2000 ft Line-of-Sight).
Hub → Cloud: Data uploaded to MOCREO Cloud via 2.4GHz Wi-Fi.
View real-time data anytime via the **MOCREO Smart App**.

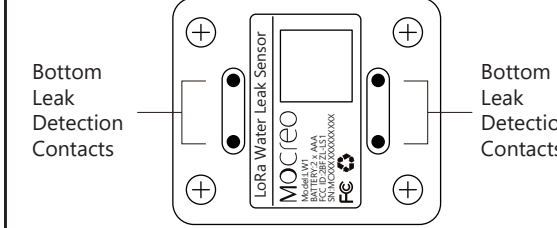
What's in the Box

LW1 Sensor x 1
H6Pro Hub x 1
User Manual

Product Parameter

LW1 Sensor
Top Leak Detection Contacts
Status Indicator Light
Button
Side Leak Detection Contacts





Specifications

Model	LW1
Wireless Protocol	LoRa
Communication Range	Up to 2000 ft (Line-of-Sight)
Dimensions (H x W x D)	2.9 x 2.4 x 1.0 in
Weight	2.93 oz (83 g)
Power Supply	2 x AAA Batteries
Buzzer Sound Level	105 dB @ 0.3 m
Operating Temperature	32°F to 122°F (0°C to 50°C)
IP Rating	IP67

LW1 Sensor Indicator & Button Behavior

Function	LED & Sound Response
Power On / Restart	Red LED flashes once and one short beep.
Water Detected	Red LED blinks slowly while water is present.
Water Removed	LED turns off.
Button	Single Press <ul style="list-style-type: none"> • LED: Red LED flashes once • BEEP: One short beep
	Double Click <ul style="list-style-type: none"> • BEEP: Two quick beeps

Button Actions and Expected Behavior

Single Press:
Function: Communication test with Hub.

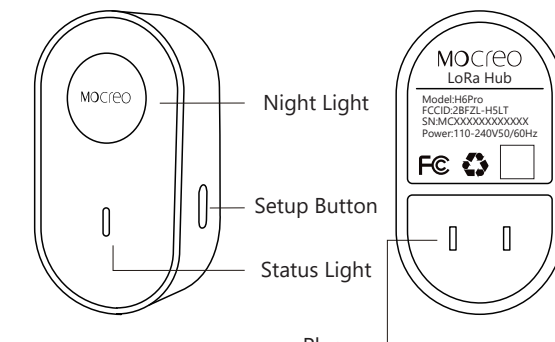
normal:
• LED flash + beep → Communication with hub is OK

abnormal:
• LED flash, no beep → Communication failure with hub.
• No LED, no beep → Power failure (check batteries).

Note: Before setup, LED only (no beep) is normal. Add the sensor in the app.

Double Click:
Function: Volume level switch.
Cycles buzzer volume: High ↔ Low ↔ High ...

H6Pro Hub



Specifications

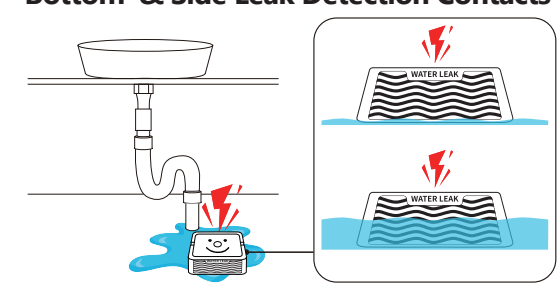
Model	H6Pro
Wireless Protocols	Wi-Fi 2.4GHz, LoRa, BLE
Dimensions	3.5 x 2.0 x 1.8 in
Weight	2.47 oz (70 g)
Night Light	Max 1W
Operating Voltage	110V - 240V AC
Operating Temperature	32°F to 104°F (0°C to 40°C)
Physical Button	1
Buzzer	90dB@1ft (0.3m)

H6Pro Hub LED Status Indicator

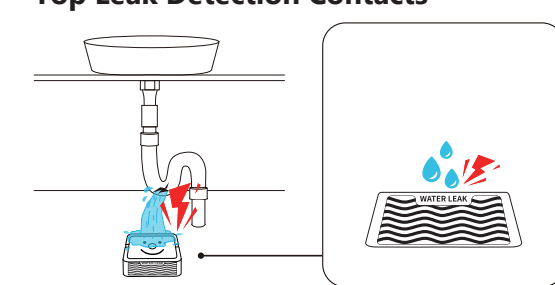
Status	LED Behavior
Normal Operation	Breathing Purple
Hub Offline	Breathing Red
Wi-Fi Setup Mode	Breathing Blue
No Power / Power Issue	Off

Water Leak Detection Stages

Bottom & Side Leak Detection Contacts



Top Leak Detection Contacts



Setup

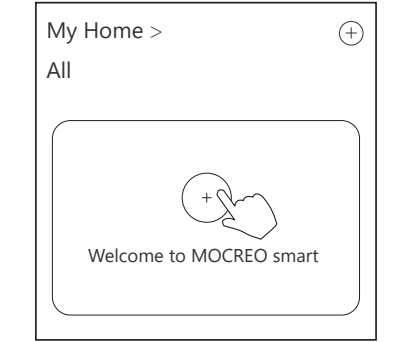
1 Download MOCREO Smart App

MOCREO Smart

Google Play App Store MOCREO Smart App or Scan and Download

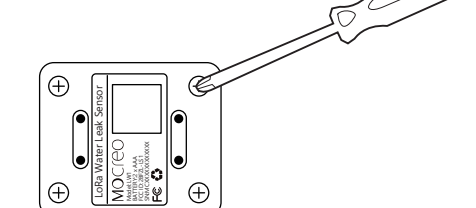
2 Power up your H6Pro Hub
Plug in your H6Pro Hub. The light turns on.

3 Open the app to add the H6Pro Hub first, then add the LW1 Sensor



Battery Replacement

Use a screwdriver to remove the four screws on the bottom cover of the sensor, and replace the two AAA batteries currently used in the LW1 Sensor.



Customer Service

https://doc.mocreo.com/
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YouTube MOCREO User Guide Manual

Search [MOCREO] on YouTube to watch the setup video tutorials.

FCC ID (LW1 Sensor): 2BFZL-LS1 (Shared certification)
FCC ID (H6Pro Hub): 2BFZL-H5LT (Shared certification)

