MOCREO®

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



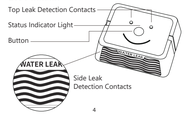
Sensor → Hub: Data sent via LoRa protocol (Long range, up to 2000 ft Line-of-Sight).
Hub → Cloud: Data uploaded to MOCREO Cloud via 2.4GHz Wi-Fi.
View real-time data anytime via the **MOCREO Smart App**.

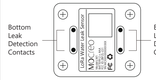
What's in the Box



Product Parameter

LW1 Sensor





Specifications

Model	LW1
Wireless Protocol	LoRa
Communication Range	Up to 2000 ft (Line-of-Sight)
Dimensions (H × W × D)	2.9 x 2.4 x 1.0 in
Weight	2.93 oz (83 g)
Power Supply	2 × 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

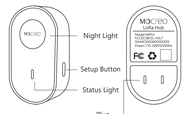
Function		LED & Sound Response
Power On / Restart		Red LED flashes once and one short beep.
Water Detected		Red LED blinks slowly while water is present.
Water Removed		LED turns off.
Button	Single Press	• **LED:** Red LED flashes once • **BEEP:** One short beep
	Double Click	• **BEEP:** Two quick beeps

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

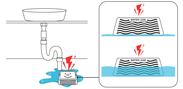
Model	H6Pro
Wireless Protocols	Wi-Fi 2.4GHz, LoRa, BLE
Dimensions	3.5 × 2.0 × 1.8 in
Weight	2.47 oz (70 g)
Night Light	Max 1W
Operating Voltage	110V - 240V AC
Operating Temperature	32°F to 104°F (0°C to 40°C)
Physical Button	1
Buzzer	90dB@1ft (0.3m)

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

❶Download MOCREO Smart App

MOCREO Smart

Google Play | App Store | MOCREO Smart App | or | Scan and Download

❷Power up your H6Pro Hub

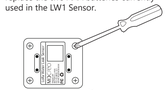
Plug in your H6Pro Hub. The light turns on.

❸Open 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/
+1 (530) 988-8608
help@mocreo.com
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)