

**MOCREO®**  
H6Pro-LS1 Temperature Sensor Kit  
User Manual

**Introduction**

**MOCREO Smart System — Your Smart Environmental Monitoring Solution**

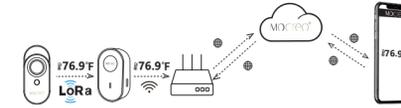
Monitor critical conditions and receive instant alerts wherever you are.

**Includes:**

**LS1 Sensor:** A high-precision LoRa-based temperature sensor that provides long-range wireless tracking and real-time alerts to protect your assets.

**H6Pro Hub:** A versatile gateway that supports Bluetooth LE and LoRa sensors, connecting them to the MOCREO app while providing a soft night light.

**How the System Works**

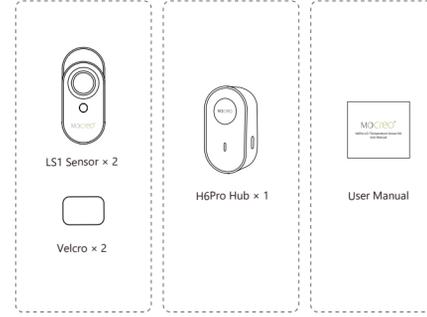


1. The **LS1 Sensor** sends real-time temperature data to the H6Pro Hub via LoRa protocol (Long range, up to 2000 ft Line-of-Sight).

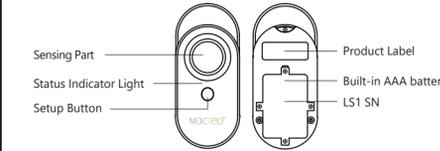
2. The **H6Pro Hub** uploads the data to MOCREO Cloud via 2.4GHz Wi-Fi.

Users can access the monitoring data anytime through the MOCREO Smart App.

**What's in the Box**



**Product Parameter**



**LS1 Sensor Button Functions**

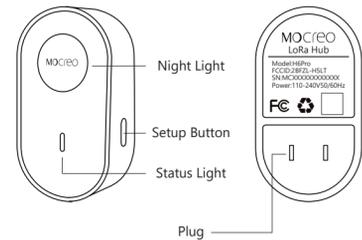
Model	LS1
Wireless Connection	LoRa
Communication Range	Up to 2000 ft (Line-of-Sight)
Dimensions	4.17 x 2.22 x 0.83 in
Weight	3.4 oz
BatteryProbe	3 x AAA Batteries (Replaceable)
Measuring Range	-4°F to 131°F (-20°C to 55°C)
Temperature Accuracy	±0.9°F (±0.5°C)
IP Rating	IP66

**LS1 Sensor Button Functions**

Function	Button Operation	Indicator Light Behavior
Enter Setup mode	Press and hold for 3s, then release	The blue light is flashing
Restore default settings and restart	Press and hold for more than 15s, then release	The red light briefly illuminates and then extinguishes
LS1 Sensor reports data (Battery level, signal strength, monitoring data)	Press the button once	The blue light flashes once

Note: "Restore default settings and restart" will reset the Sensor to factory settings. You will need to re-add the Sensor through the App. This action is generally not recommended unless necessary.

**H6Pro Hub**



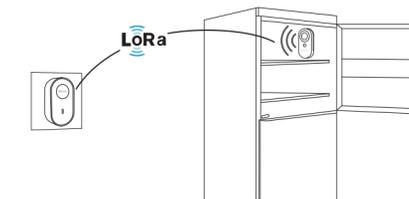
**Specifications**

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**

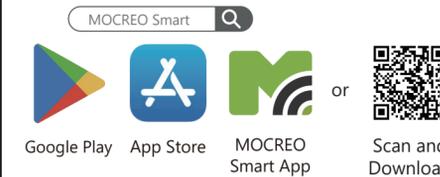
Status	LED Behavior
Normal Operation	Breathing Purple
Hub Offline	Breathing Red
Wi-Fi Setup Mode	Breathing Blue
No Power / Power Issue	Off

**Mounting**



**Setup**

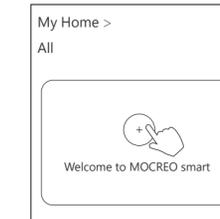
**1 Download MOCREO Smart App**



**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 LS1 Sensor**



**Customer Service**

<https://doc.mocreo.com/>  
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help@mocreo.com



YouTube MOCREO

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

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