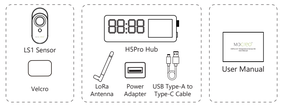
MOCREO®

H5Pro-LS1 Temperature Sensor Kit
User Manual

What's in the Box



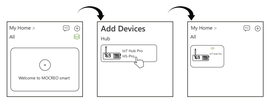
Kit Model	H5Pro Hub	LS1 Sensor
1-Sensor Kit	1	1
2-Sensor Kit	1	2
3-Sensor Kit	1	3

Quick Start

❶Download MOCREO Smart App

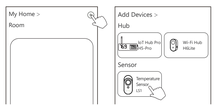
❷Add MOCREO H5Pro Hub

Open the app → Tap "+" → Select H5Pro Hub
Follow the in-app instructions to complete setup.



❸Add LS1 Sensor

(1) Open the app →Tap "+" → Select LS1 Sensor



(2) Scan the QR code on the sensor to complete pairing.

How MOCREO Works

Meet Your H5Pro-LS1 Kit
The H5Pro-LS1 Kit is a professional temperature monitoring system for cold storage, laboratories, warehouses, and other demanding environments.

The LS1 Sensor monitors temperature continuously and sends data to the H5Pro Hub via LoRa communication. The H5Pro Hub displays real-time readings and uploads data to

MOCREO Cloud via 2.4 GHz Wi-Fi or Ethernet, allowing users to view data and receive alerts in the MOCREO Smart App.

Why You'll Love It

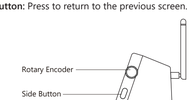
- **Long-Range Monitoring:** LoRa communication up to 2000 ft / 610 m line-of-sight.
- **Real-Time Display:** View current temperature readings directly on the H5Pro Hub.
- **App Access & Alerts:** Check data and receive alerts through the MOCREO Smart App.
- **Accurate Readings:** Stable and reliable temperature readings.
- **Flexible Connection:** Supports 2.4 GHz Wi-Fi and Ethernet.
- **Waterproof Sensor:** IP66 rated for cold storage and harsh environments.

Device Controls & Status

H5Pro Hub Controls

Rotary Encoder: Rotate the knob to move the selection box up or down on the screen. Press the knob to confirm the selection.

Side Button: Press to return to the previous screen.



LS1 Sensor Button & Status Indicator

Operation	Function Description	LED Indicator Status
Single press	Send data	Blue LED flashes once
No action required	Normal working mode	LED off

Note: Press-and-hold button operations are not supported on this version, including entering setup mode or performing a factory reset. To add or re-add the sensor, scan the QR code on the sensor in the MOCREO Smart App.

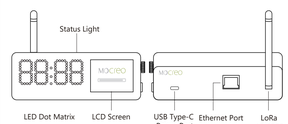
Product Overview

LS1 Sensor Overview

Specifications

Model	LS1
Wireless Communication	LoRa
Wireless Range	Up to 2000 ft (610 m), line-of-sight
Battery	3 × AAA batteries (replaceable)
Temperature Measuring Range	-4°F to 221°F (-20°C to 105°C)
Temperature Accuracy	±0.9°F (±0.5°C)
Waterproof	IP66

H5Pro Hub Overview



Specifications

Model		H5Pro
Controls	Physical Controls	Rotary Encoder × 1, Side Button × 1
Display	LCD Display	2.0-inch IPS display, 320 × 240 px, non-touch
	LED Dot Matrix	4-digit 7-segment LED display
Network	Wi-Fi	2.4 GHz only
	LoRa	915 MHz
	Ethernet	10/100 Mbps
	BLE	BLE 5.0
Power	Input	DC 5 V / 1 A, USB Type-C

Mounting

Customer Service

https://doc.mocreo.com/
+1 (530) 988-8608
help@mocreo.com
YouTube MOCREO
User Manual

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

FCC ID (LS1 Sensor): 2BFZL-LS1
FCC ID (H5Pro Hub): 2BFZL-H5LT

V3.0