MOCREO®

LS1 Temperature Sensors
User Manual

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Introduction

The LS1 wireless temperature sensor, providing a comprehensive solution for temperature monitoring needs.

LS1: The sensor provides professional temperature measurement with a built-in high-precision sensor. Its IP67 waterproof rating and low power consumption make it ideal for long-term use in humid environments, such as refrigerators and freezers. The system is widely used for temperature monitoring in homes, laboratories, and storage facilities.

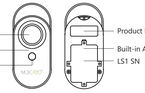
How the System Works

The H5-LS1D set enables remote monitoring through a two-step process:
1. The **LS1** sensor collects temperature data and sends it to the H5-Pro gateway via LoRa technology, which supports long-range communication and strong wall penetration.
2. The **H5-Pro** gateway uploads the data to the **MOCREO Cloud** using local Wi-Fi or Ethernet.
This setup allows users to access monitoring data anytime through the **MOCREO Smart** App.

What's in the Box

LS1 Sensor ×2 | Velcro ×2 | User Manual ×1

Product Parameter



Specifications

Model	LS1
Wireless Connection	LoRa
Communication Range	500 m (clear line of sight)
Dimensions	106mm*56.4mm*21mm
Weight (Including probe)	96g
Battery	3*AAA battery (Unable to charge)
Probe Measuring Rage	-0.4 ~ 131°F (-18°~ 55°C)
Temperature Accuracy	±0.9°F(±0.5°C)

Setup

❶ Download MOCREO Smart App

MOCREO Smart

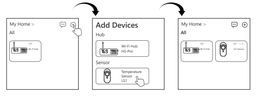
Or scan the QR code below to download App.

Google Play App Store MOCREO

❷ Add Device

(1) Add LS1 Sensor

Open the **MOCREO Smart** App, follow the instructions provided by the app, and complete the LS1 Sensor addition process.



Customer Service

https://doc.mocreo.com/

+1 (530) 988-8608

help@mocreo.com

User Guide Manual

YouTube MOCREO Sensor

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

Precautions and Disclaimer

Precautions for Use
To ensure the normal use of the product, please pay attention to the following situations:
- It is recommended to install the H5-Pro in a high place.
- Do not expose the Sensor to High-temperature environment.
- Do not place the Device near flammable materials.
- Do not put heavy objects on the Device or use it as a support.
- Children should not use the Device without adult supervision.

Disclaimer
The contents about how to use the product and the App guidance are only for reference; please refer to the actual situation for specific applications. If there is something different from the instructions during using the product, please contact MOCREO Support for updates.
This product is for detecting and monitoring only. MOCREO is not responsible for any property damage or other consequences of the use of this product.

FCC Statement

FCC ID (Sensor): 2BFZL-LS1

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

Warning: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
Note: This equipment has been tested and found to comply with the limits for a Class B digital device, according to part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Increase the separation between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Warranty

MOCREO products enjoy a 12-month limited warranty (starting from the date when the customer receives the product), which applies only to hardware components of the device that are not subject to accident, misuse, neglect, fire, or other external causes, alterations, or repair.

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说明书印刷尺寸：110x80 mm