MOCREO®

H3-ST5 Temperature Sensor Kit User Manual

Introduction

H3 & ST5 Sensor System Key Features:

1.**Wide-Range Temperature Monitoring:** Accurately measures extreme temperatures from -40°F to 257°F (-40°C to 125°C).

2.**Multi-Scene Compatibility:** Ideal for real-time monitoring in refrigerators, freezers, aquariums, pet habitats, hot tubs, and similar environments.

3.**Cloud Remote Control & Alerts:** Enables remote device on/off switching, cloud data access, and audible alarms for instant anomaly notifications.

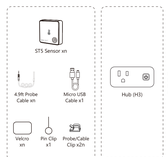
Thank you for choosing MOCREO – delivering smart monitoring technology

How the System Works

The ST5 Temperature Sensor will measure the ambient temperature through the external probe and send the data to the H3 Hub wirelessly.

The H3 connects to the Internet through Wi-Fi (2.4 GHz) and updates the data to the MOCREO Cloud. You can access the sensor's data through MOCREO Smart App no matter where they are.

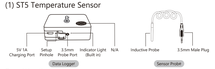
What's in the Box



Note:
For 1 Sensor Kit: n=1
For 2 Sensor Kits: n=2
For 3 Sensor Kits: n=3

Product Parameter

(1) ST5 Temperature Sensor



Specifications

Model	ST5
Wireless Connection	Bluetooth LE (BLE)
Communication Range	131ft/40m (No Obstacles)
Dimensions	2.4 x 2.4 x 0.7 inch (L x W x H)
Weight (Including Probe)	2.93 Ounces
Battery (Rechargeable)	3.7V 1800mAh Lithium Battery
Size of Stainless Steel Shell	6 mm in diameter
Cable Length	4.9ft
Cable Cross Section	4mm x 1.3mm
Probe Measuring Range	-40°F ~ 257°F (-40°C ~ 125°C)
Temperature Accuracy	±0.9°F (In the Range of 14°F to 185°F)

(2) Hub (H3)

Specifications

Model	H3
Weight	2.75 oz
Dimensions	3.46 x 1.48 x 2.05 inch (L x W x H)
Input	AC 100 ~ 240V 50/60Hz
Output	AC 100 ~ 240V 50/60Hz 10A
Wi-Fi Frequency	2.4 GHz
Operating Temperature	14°F to 104°F (-10°C to 40°C)
Operating Humidity	0~90% RH, non-condensing
Built-in Buzzer	80dB

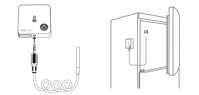
Hub Power Button Actions

Action	Explanation
Short press (1s) and release	Toggle the power socket ON/OFF. Temporarily mute alarm beep if triggered by sensor.
Press and hold for 5s, release when blue	Enter Setup Mode for network configuration.
Press and hold for 15s, release when red	Restore factory settings and reset all configurations.

Mounting

H3

ST5 Sensor



Setup

❶Download MOCREO Smart App

Search for "MOCREO Smart" on Google Play/ App Store or scan the QR code below to download the MOCREO Smart App and register your MOCREO account on the app.

Google Play App Store MOCREO Smart App

❷Power the Hub

Plug the H3 Hub into a standard power outlet to activate the device.

❸Add devices via the App

1. Open the MOCREO Smart App
2. **For new users:** Register and verify your account
   Existing users: Log in directly
3. Follow the in-app instructions to:
   - Add and bind your H3 Hub first
   - Then add and pair your Sensor

Troubleshooting

Issue	Explanation
Hub Offline	1. Check power indicator. • **Red blinking:** Check other network devices. • **No light:** Check Hub power supply.
Sensor Offline	1. Confirm Hub is working. 2. Place Sensor near Hub, press pinhole button for 1s. • **Blue light flashes:** Sensor reconnects, reposition Sensor. • **No blue light:** Charge Sensor.

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 H3 in a high place.
- Do not expose the Device to high temperatures, humidity, or dusty environments.
- 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.

The information in this manual is for guidance purposes. For the latest instructions and updates, please visit our website or contact MOCREO Support. This product is a monitoring tool. MOCREO is not liable for any property damage or other consequences resulting from the use of this product.

FCC Statement

FCC ID (Sensor): 2A36D-ST4
FCC ID (H3): 2BFZL-H3

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 are covered by a 12-month limited warranty(starting from the date when the customer receives the product). This warranty applies to hardware components and does not cover damage caused by accident, misuse, neglect, fire, other external causes, alterations, or unauthorized repair.

Customer Service

https://doc.mocreo.com/

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User Guide Manual

YouTube MOCREO

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

V1.0