LS3 Thermo-Hygrometer Sensor Kits

H5Pro-LS3D

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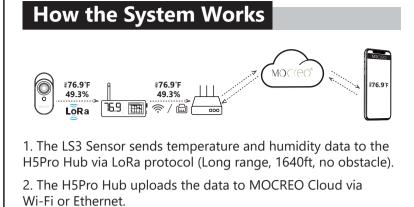
Introduction

The H5Pro-LS3D Kits is a long-range, reliable solution for remote **tempera**ture and humidity monitoring, featuring the H5Pro LoRa Hub and LS3 LoRa Temperature Sensor.

LS3 Sensor: Designed for environmental monitoring, the LS3 Sensor accurately detects temperature and humidity changes. Ideal for daily management in indoor and dry environments, it is commonly used in scenarios requiring stable climate control, such as warehouses, greenhouses, and laboratories. With long-range communication technology, it supports seamless large-scale deployment and real-time data synchronization, delivering reliable support for environmentally sensitive areas.

H5Pro Hub: The H5Pro Hub leverages LoRa technology to communicate with multiple sensors across expansive areas. Its 2-inch display provides real-time monitoring at a glance, making it the dashboard for managing sensors, checking historical data, alerts, etc.

MOCREO Smart App.



Users can access the monitoring data anytime through the

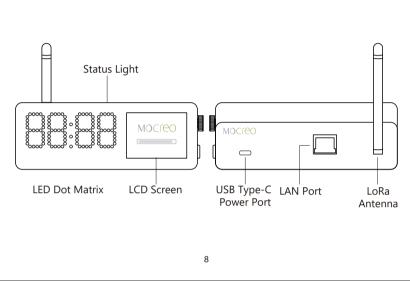
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LS3 Sensor	H5Pr	ro Hub	MOCICO® La Transaction de la Constantina del Constantina de la Constantina del Constantina de la Constantina de la Constantina de la Const
Velcro	Antenna	-Type C	

Sensing Part (built-in) Status Indicator Light Setup Button			Product Label Built-in AAA battery LS3 ID (same as SN)
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Model	LS3
Wireless Connection	LoRa
Communication Range	1640ft / 500m (No obstacles)
Dimensions	4.17 x 2.22 x 0.83in
Weight	3.4 oz
Battery	AAA battery x 3 (Replaceable)
Operating Temperature Range	32° - 140°F(0° - 60°C)
Temperature Accuracy	±0.54°F(±0.3°C)
Operating Humidity Range	0 - 80% (Non-condensing)
Humidity Accuracy	±3%RH (Typ.)

Function	Button Operation	Indicator Light Behavior
Enter Setup	Press and hold for 3s, then release	The blue light is flashing
Restore Factory Settings and Restart	Press and hold for more than 15s, then release	The red LED stays on when p for 10s, and turns off at 15s
Report Data Now	Press the button once	The blue light flashes once

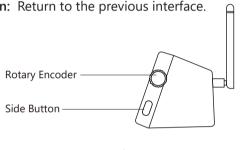
Note: Pressing "Restore to Factory Settings and Restart" will reset the sensor to its factory defaults. You'll need to add the sensor again using the app. Only perform this action if neces-



Button Functionality

Rotary Encoder: The rotary button allows moving the selection box up and down the screen, and pressing the button confirms the selection.

Side Button: Return to the previous interface.



Specifications

Disclaimer

Button	Physical Button ×2	Rotary Encoder ×1, Side Button ×1	
Display	LCD Display (W × H)	2-inch, 320 × 240 IPS display, non touch	
Display	LED Dot Matrix	7-segment 4-digit clock display	
	Wi-Fi	2.4GHz (not support 5GHz Wi-Fi)	
Network	LoRa	915MHz	
	Ethernet	10Mbps/100Mbps	
	BLE	BLE 5.0	
Dimensions (L	x W x H)	5.04 × 3.08 × 3.77in (Include antenna) 5.04 × 2.06 × 1.86in (No antenna)	
Weight		4.1 oz	
Power		DC, 5V, 1A, Type-C ×1	
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The contents about how to use the product and the App

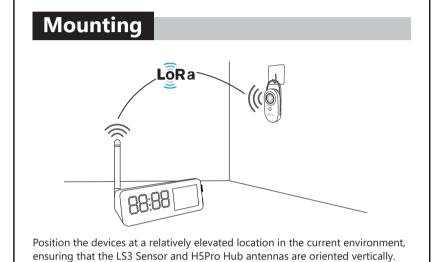
guidance are only for reference; please refer to the actual

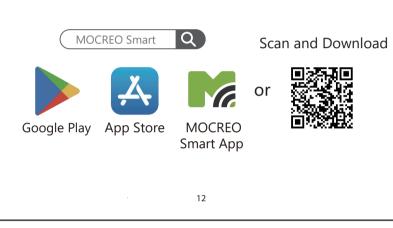
situation for specific applications. If there is something different

from the instructions during using the product, please contact

This product is for detecting and monitoring only. MOCREO is

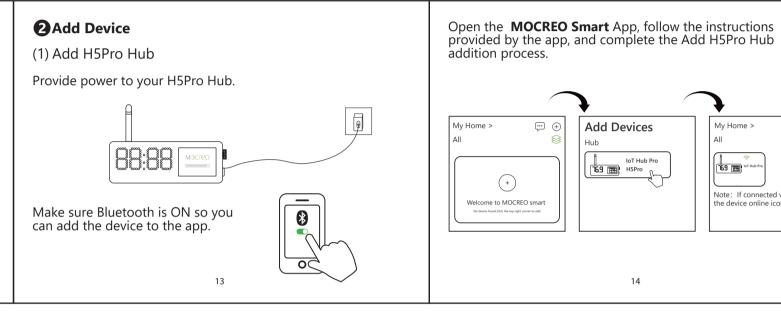
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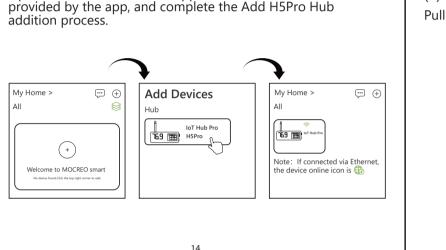


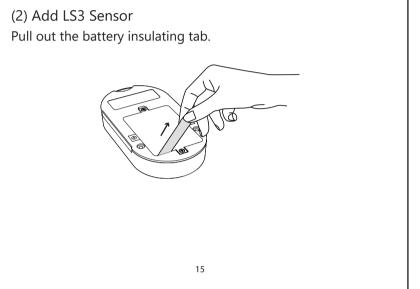


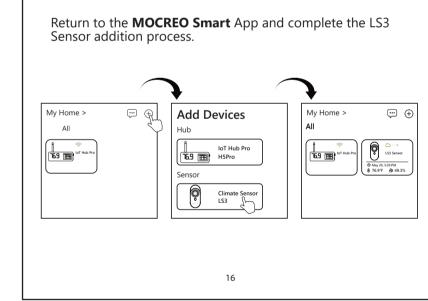
Setup

1 Download MOCREO Smart App









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 H5Pro Hub 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.

MOCREO Support for updates.

es of the use of this product.

FCC Statement

FCC ID (LS3 Sensor): 2BFZL-LS1 FCC ID (H5Pro Hub): 2BFZL-H5LR

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 communi-

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 • 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

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.

