# MOCREO®

## H6Pro-LS3 Thermo-Hygrometer Sensor Kit User Manual

## Introduction

**H6Pro-LS3 Kit — Your Smart Temperature & Humidity Monitoring System**

Track environmental changes in real-time and receive instant alerts wherever you are.

**Includes:**

**LS3 Sensor** — A high-precision LoRa sensor that monitors both temperature and humidity with long-range wireless stability.

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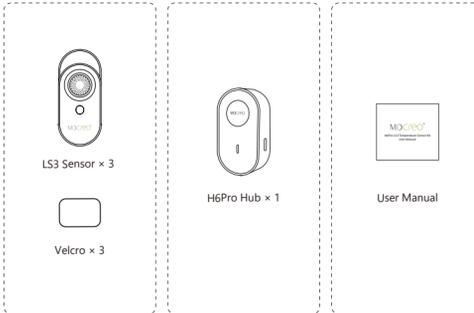
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## How the System Works
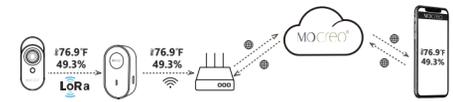


1. The **LS3 Sensor** sends real-time temperature and humidity data to the H6Pro Hub via LoRa protocol (Long range, up to 2000 ft Line-of-Sight).

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

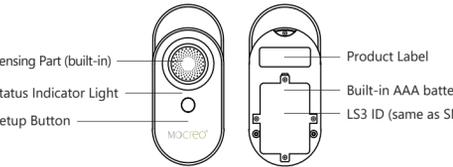Users can access the monitoring data anytime through the MOCREO Smart App.

2

## What's in the Box



LS3 Sensor × 3

Velcro × 3

H6Pro Hub × 1

User Manual

3

## Product Parameter

### LS3 Sensor



Sensing Part (built-in)
Status Indicator Light
Setup Button
Product Label
Built-in AAA battery
LS3 ID (same as SN)

4

### Specifications

| Model | LS3 |
|---|---|
| Wireless Connection | LoRa |
| Communication Range | Up to 2000 ft (Line-of-Sight) |
| Dimensions | 4.17 × 2.22 × 0.83 in |
| Weight | 3.4 oz |
| Battery | 3 × AAA Batteries (Replaceable) |
| Operating Temperature Range | 32°F to 140°F (0°C to 60°C) |
| Temperature Accuracy | ±0.54°F (±0.3°C) |
| Operating Humidity Range | 0 - 80% (Non-condensing) |
| Humidity Accuracy | ±3%RH (Typ.) |

5

## LS3 Sensor Button Functions

| 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 pressed 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 necessary.

6

## H6Pro Hub



Night Light
Setup Button
Status Light
Plug

7
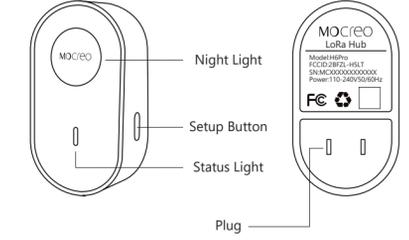
### Specifications

| Model | H6Pro |
|---|---|
| Wireless Protocols | Wi-Fi 2.4GHz, LoRa, BLE |
| Dimensions | 3.5 × 2.0 × 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) |

8

## 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 |

9

## Mounting



LoRa

10
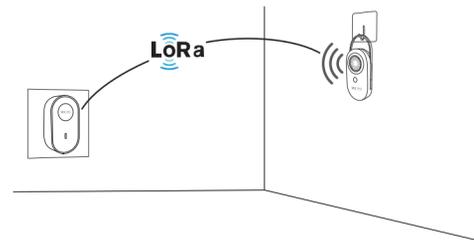
## Setup

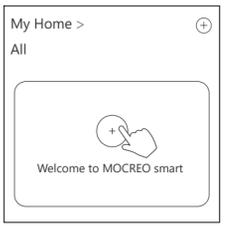### ❶ Download MOCREO Smart App



Google Play    App Store    MOCREO Smart App    or    Scan and Download

### ❷ Power up your H6Pro Hub

Plug in your H6Pro Hub. The light turns on.

11

❸ Open the app to add the H6Pro Hub first, then add the LS3 Sensor



My Home >
All

Welcome to MOCREO smart

12

## Customer Service

User Guide Manual

v1.0

13