Real-time monitoring for peace of mind

MOCREO.COM

TALK TO US
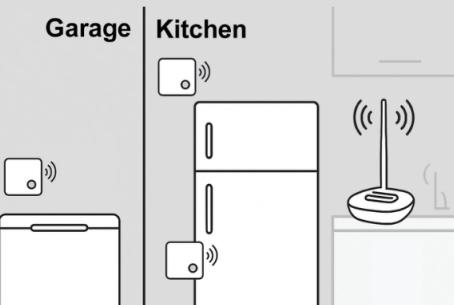+1 (530) 988-8608
help@mocreo.com

SELECTION GUIDE
for MOCREO Monitoring Products

Thank you for choosing MOCREO! Your trust is the greatest honor we've earned in our 15 years of dedication to smart home innovation. What you've entrusted to us isn't just an order—it's your vision of a better, more connected life—and we're proud to support it with three carefully designed product lines!
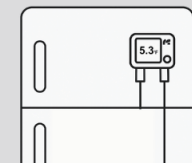
SMALL AREA
Garage   Kitchen

Monitoring multiple points in garage or kitchen? The Bluetooth Low Energy (**BLE**) **Sensors + Hub** combinations are **cost-effective.** Coverage range up to **130 feet.**

LARGE AREA
For larger spaces like houses or buildings, our **LoRa Sensors + Hub** offer reliable coverage up to **1640 feet**, ensuring strong, comprehensive monitoring.

STANDALONE DEPLOYMENT
Need to monitor a single fridge or specific spot? Choose our **Wi-Fi/4G** series — **no hub** required for fast and easy setup.

Environmental Monitoring for Peace of Mind

Read More at mocreo.com

BLE SENSORS for
SMALL AREA

Each BLE sensor **runs on a battery for over 2 years,** making deployment easy. One hub covers up to 30 sensors **within 130 feet,** and adding more hubs extends the range. BLE Hubs connect to MOCREO Cloud via Wi-Fi or Ethernet, with real-time alerts sent to your phone.

Temperature Only

Model	Features
ST5	• External temperature probe • Temp range: -40°F to 221°F • Accuracy: ±0.9°F (within the range of 14°F to 185°F) • Built-in rechargeable 1800mAh battery • Compatible Apps: MOCREO Sensor App, MOCREO Smart App • Ideal for freezers, refrigerators, hot tubs, boilers and more
MS1	• An enhanced version of the ST5, including all its features, plus: • Battery: 3 × AAA (replaceable) • Easy installation with included Velcro or a hanging loop • Compact size for flexible placement
ST8	• Shares features with ST5, plus: • Battery: 1 x 6LR61 (replaceable) • Built-in 120dB loud beeper • Data logger records 32,000 temp readings • Connects to your phone via BLE directly, or works with a hub for remote monitoring
ST10	• Shares features with ST5, plus: • Ultra-wide temp measuring range: -328 to 392°F (±1.8°F) • External PT100 platinum resistance temperature probe • Ideal for labs, medical vaccine refrigerators, cryogenic freezers, pharmacy refrigerators, blood bank freezers, biological safety cabinets, and more

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BLE SENSORS for
SMALL AREA

Temperature + Humidity

Model	Features
ST6	• Built-in high-precision sensors from Sensirion • Temp range: -4 to +140°F • Humidity range: 0 to 100%RH • Accuracy: ±2% (from 10-90% RH), ±4% (for 0-10% & 90-100% RH) • Built-in rechargeable 1800mAh battery lasts up to 2 years per full charge • Compatible Apps: MOCREO Sensor App, MOCREO Smart App • Perfect for houses, greenhouses, storage areas, cabins, attics, crawl spaces, server rooms.
ST9	• External IP67 waterproof probe • Temp range: -40 to +221°F • Humidity range: 0 to 100%RH • Accuracy: ±2% (from 10-90% RH), ±4% (for 0-10% & 90-100% RH) • Built-in rechargeable 1800mAh battery lasts up to 2 years per full charge • Compatible Apps: MOCREO Sensor App, MOCREO Smart App • Perfect for snake tanks, geckos, lizards, crawl spaces, turtle habitats, greenhouses, and other high-humidity environments

Water Leakage

Model	Features
SW2	• Dual Alarm States: Water Detected / No Water • Built-in 95dB loud beeper • Built-in rechargeable 1800mAh battery lasts up to 2 years per full charge • Compatible Apps: MOCREO Sensor App, MOCREO Smart App • Suitable for kitchen, bathroom, washing machine, basement, fish tank, pump room, water heater, boiler bottom, HVAC, air conditioning drain pipe

Don't Let a Drip Become a Disaster

BLE SENSORS for
SMALL AREA

BLE Hubs for Small Area

Model	Features
H1	• 2.4GHz Wi-Fi + 100Mbps Ethernet connectivity • External BLE antenna for extended range • Powered via external 5V DC adapter • Only works with MOCREO Sensor App
H3	• 2.4GHz Wi-Fi connectivity • Built-in BLE antenna • Plug-in design with integrated power supply • Remote control power output switch • Upgraded replacement for the H2 Hub • Only works with MOCREO Smart App
H5Lite	• 2.4GHz Wi-Fi connectivity • Built-in BLE antenna • LCD Screen displays sensor data • LED Segment display for sensor data or clock • Optional external probe to direct temperature measurement • Only works with MOCREO Smart App

💡 *All BLE sensors work with all MOCREO hubs, including both BLE and LoRa models.*

For any BLE sensor,
• If connected via **H1, H2**(obsoleted), it can only be managed using the **MOCREO Sensor App**.
• If connected via **H3, H5Lite, H5Pro, H6Lite** or **H6Pro**, it can only be managed using the **MOCREO Smart App**.

Sensor App vs. Smart App

The MOCREO Smart App is built with our latest cloud platform. We recommend all users migrate from the MOCREO Sensor App to the Smart App.

We Apologize for Any Confusion Caused by Product Updates!

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LoRa SENSORS for
LARGE AREA

Each sensor runs on battery for over 2 years, making deployment easy. One hub covers 100+ sensors within **1640 feet**, and adding more hubs extends range. Hubs connect to MOCREO Cloud via Wi-Fi or Ethernet, with real-time alerts sent to your phone.

💡 *All LoRa sensors work exclusively with LoRa Hubs (H5Pro or H6Pro) and are only compatible with the MOCREO Smart App.*

Temperature Only

Model	Features
LS1	• Built-in temperature sensor allows placing the entire device in a freezer — no cables required • Temperature range: -20 to +131°F (±0.9°F) • Battery: 3 × AAA (replaceable) • IP66 waterproof • Ideal for most freezers and refrigerators
LS2	• External IP67 waterproof temperature probe • Wide temp range: -40 to +221°F (±0.9°F) • Accuracy: ±0.9°F (within the range of 14°F to 185°F) • Battery: 3 × AAA (replaceable) • Main body stays outside the freezer for better signal transmission • Ideal for low-temperature freezers, refrigerators, hot tubs, boilers, and more
LS4	• Pool Thermometer • Temperature range: -4 to +158°F (±0.9°F) • Battery: 3 × AAA(replaceable) • IP67 waterproof • Ideal for swimming pools, paddling pools, hot tubs, fish ponds, jacuzzis, spas, and more

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LoRa SENSORS for
LARGE AREA

Temperature + Humidity

Model	Features
LS3	• Built-in high-precision sensors from Sensirion • Temp range: -4 to +140°F (±0.5°F) • Humidity range: 0 to 100% RH • Accuracy: ±2% RH (10-90%), ±3% RH (0-10% / 90-100%) • Battery: 3 × AAA (replaceable) • Perfect for houses, greenhouses, storage areas, cabins, attics, crawl spaces, server rooms, and more.

Water Leakage

Model	Features
LW1	• All-in-one detector • Detects: Dry / Drip / Wet / Flood • Built-in temp sensor for freeze risk prediction • 110 dB alarm with night-time low volume mode • IP67 waterproof • Battery: 2 × AAA (replaceable)
LW2	• External water leak cable • Long cable expands the leak detection coverage • Battery: 3 × AAA (replaceable) • Ideal for kitchens/bathrooms, data centers/server rooms, commercial buildings/basements, and more

Smart Sensing. Dry Living.

PEACE OF MIND

LoRa SENSORS for
LARGE AREA

Security

Model	Features
LD2	• Outdoor contact sensor • Operating temperature range of 14-140°F • IP67 waterproof • Battery: 2 × AA (replaceable) • Ideal for gate and shed door status detection
LD3	• Mailbox opening alert sensor • Operating temperature range of 14-140°F • IP65 waterproof • Battery: 2 × AA (replaceable)
LB1	• Siren and Light Alarm • 120 dB alarm with night-time low volume mode • Use it as an alarm for intrusion/burglar alarm, water leaks and high or low temperature and humidity

LoRa Hubs for Large Area

Model	Features
H5Pro	• 2.4GHz Wi-Fi + 100Mbps Ethernet connectivity • External LoRa antenna for extended range • Built-in BLE antenna • LCD Screen displays sensor data • LED Segment display for sensor data or clock • Powered via external 5V DC adapter
H6Pro	• 2.4GHz Wi-Fi connectivity • Built-in LoRa & BLE antenna • Plug-style design with integrated power supply • Built-in 80dB beeper • LED night light with motion detection

💡 *All MOCREO LoRa hubs are equipped with BLE capability and are compatible with any MOCREO BLE sensor.*

Wi-Fi/4G Devices for
STANDALONE DEPLOYMENT

Each device connects to MOCREO Cloud via Wi-Fi or 4G, with real-time alerts sent to your phone.

Temperature Only

Model	Features
NS1	• 2.4GHz Wi-Fi connectivity • External temperature probe • Temp range: -40 to +221°F (±0.9°F) • Powered via external 5V DC adapter • Compatible Apps: MOCREO Smart App • Ideal for freezers, refrigerators, fish tank, aquarium, hot tubs, boilers and more

Temperature Controller

Model	Features
ST7CL	• Temp Measuring Range -40°F~+221°F • Accuracy: ±0.9°F (within the range of 14°F to 185°F) • Automatically switches the power outlet on/off • Set custom temperature thresholds • 80 dB loud alarm • Bluetooth Connection, 50ft • Compatible Apps: MOCREO Sensor App • Ideal for home brewing, reptile tanks, terrarium heat lamps, aquarium heaters, seedling heating mats, greenhouses, incubators and more

Networking Monitoring

Model	Features
NM2	• Automatic Network Monitoring & Reboot • Instant email notifications when the network goes down • Remotely switch the power outlet on/off

Wi-Fi/4G Sensors and Cameras, coming soon!