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The image displays the 'ST5 Temperature Sensors Kit User Manual' cover and the first 11 pages of the manual. The cover lists the contents, including Introduction, What's in the Box, Product Parameter, Setup, Installation, Test the Effective Distance, How the System Works, Battery, Calibration, Configuration, App Interface Overview, Troubleshooting, Warranty, Customer Service, Disclaimer, and FCC Statement. The manual pages show the Introduction, What's in the Box, Product Parameter, Specifications, Hub Indicators, Setup Tutorial, Add a Hub, Set the Hub Into Setup Mode, and Select the Wi-Fi and Enter the Wi-Fi Password sections.

7 Sensor Joins the Hub

Tap the **[+]** Button at the upper right of the MOCREO Home Page and select 'Temp Sensor -ST5'.

8 Select the Hub

Select the Hub you want to add and click on the "Add Button" (up to 10 devices can be added at a time). When the appears on the Sensor card, it means the Sensor is successfully added. Please wait until all Sensors status to become complete.

9 Poke the Sensor

Poke the Sensor pinhole with a pin for 1s and release, then the indicator light of Sensor will flash (Please complete this operation within 60 seconds, and you can add up to 10 Sensors at a time).

10 Add the Sensor

Select the Sensor you want to add and click on the "Add Button" (up to 10 devices can be added at a time). When the appears on the Sensor card, it means the Sensor is successfully added. Please wait until all Sensors status to become complete.

11 Installation

1. Please place the Hub at a relatively high position. The suggested distance between the Hub and Sensor is within 131ft (No obstacles, signal value stronger than 20% is ideal).

2. Please make sure the Sensor probe was inserted firmly (Note: ST5 probe is waterproof but the Sensor Data Logger is not).

3. Paste the Data Logger on the outside of refrigerator and place the probe inside.

12 Test the Effective Distance

etc. In short, longer distances and more obstacles mean weaker signals.

The MOCREO Hub uses a Wi-Fi (2.4GHz only) or Ethernet to transmit data from the MOCREO Sensors in range to the Internet. A cellular hotspot with Wi-Fi or Ethernet capability can also be used to provide Internet access. Then, the MOCREO App can be used to view your device data from anywhere in the world.

13 How the System Works

The ST5 Sensors use Bluetooth LE to communicate with the Hub. Therefore, the distance is limited to a Bluetooth range centered on the Hub (e.g., around the house).

This range is affected by distance and obstacles such as walls, windows, water, radio interference, etc.

14 Battery

• ST5 Sensor built-in 1800mAh rechargeable lithium battery.

• The battery can last up to 2 years before it needs to be charged again.

• Please charge the Sensor with a Micro USB Cable and a 5V 1A power adapter.

• The battery percentage can be checked on the App: Sensor Settings Page > Battery Level. Please do not check the battery level while the device is charging).

• When charging, the red indicator light will stay on and when the red indicator light goes off it means charging is complete.

• Low battery alert will be triggered when the battery is below 10% (including Email alerts and APP notification).

15 Calibration

• When the Sensor was taken to or from the refrigerator/freezer, the ST5 Sensor will spend some time calibrating the reading, and it would take about 20 minutes for the ST5 to measure to proper ambient temperature.

• The ST5 has a built-in USA-made DS18B20 chip, which is a strictly calibrated industrial-grade chip and is more accurate than ordinary consumer chips.

• Calibration is usually not required, if you need information about the chip, please check the FAQ.

• Calibration is only used to correct for small variations of $\pm 0.9^{\circ}\text{F}$ ($\pm 0.5^{\circ}\text{C}$). If you find larger differences than this during calibration, which indicates a problem with the calibration process of your Sensor, please contact MOCREO Customer Service.

Configuration

[Name the Sensor] Tap Sensor Card > Button on the Upper Right > Alias Name > Save

[Name the Hub] Tap Button on the Upper Left > Hubs > Click Button on the Hub Card > Name > Save

[Alert] Tap Button on the Upper Left > Alerts > Set Alert Model > Save

[Export Data] Tap Sensor Card > Button on the Upper Right > Export Historical Data > Choose Time Period > Export

App Interface Overview

Tips: The following introduction is based on MOCREO App version: 1.4.0. The actual interface may vary with different versions.

Sensor Card

1) **Yellow:** The Sensor is online and updates data normally (The Sensor card will flash when the Sensor status is changed or when the Sensor is poked with a pin for 1s).

2) **Grey:** Sensor Offline/Hub Offline

• When the Hub is offline, the upper right corner of the Sensor card shows "Hub offline".

• When Sensor is offline, "no signal icon" will be displayed on the upper right corner of Sensor card.

MOCREO Home Page

This is the main page of the MOCREO App. It lists all Sensors in card form. Each Sensor card shows the most recent information obtained from the MOCREO Cloud.

Temperature

This position shows the latest data detected by the Sensor. The temperature detected by this Sensor is shown here.

Alarm Signs

Alarm Signs will appear next to the Temperature. It will only be displayed when the Sensor triggers an alarm to alert you.

Last Updated Timestamp

It shows the latest data reporting time of Sensor.