

[manuals.plus](#) /› [Daytech](#) /› [Daytech WiFi Freezer and Room Thermometer \(Model NUS-TH01-2\) Instruction Manual](#)

## Daytech NUS-TH01-2

# Daytech WiFi Freezer and Room Thermometer

**MODEL: NUS-TH01-2**

## 1. Product Overview

---

The Daytech WiFi Freezer and Room Thermometer is a versatile 2-in-1 temperature and humidity sensor designed for remote monitoring. It features both a built-in sensor for ambient room conditions and an external probe for monitoring temperatures in refrigerators, freezers, aquariums, wine cellars, and other specific environments. The device connects to your 2.4GHz Wi-Fi network, allowing you to receive real-time data and alerts via the Smart Life mobile application.

# Why Choose Our Wifi Fridge Thermometer?

## Wifi fridge thermometer



**Remote Monitoring**  
Fridge fails? Know now even when you're away.

**Real-time Alerts**  
Peace of mind

**Data Tracking**  
Ensure appliance is running correctly

**2-in-1 Fridge & Room Thermometer**

## Traditional fridge thermometer



- Constant Fridge Checks
- No Alerts, Slow Response
- No data history, uncertain performance
- Remote Monitoring

**Image 1.1:** Comparison of the Daytech WiFi Thermometer's features against a traditional thermometer, highlighting remote monitoring, real-time alerts, data tracking, and its 2-in-1 functionality.

**Video 1.1:** An overview of the Daytech WiFi Freezer Thermometer, demonstrating its ability to provide alerts for temperature changes in refrigerators and other environments, and its remote monitoring capabilities.

## 2. Setup Guide

### 2.1 Package Contents

- Daytech WiFi Thermometer Unit
- External Temperature Probe
- 2 x AAA Batteries
- Adhesive Tape
- Lanyard

### 2.2 Battery Installation

- Open the back cover of the thermometer unit.
- Insert the two AAA batteries, ensuring correct polarity.
- Close the back cover securely.

**Never Guess When To Change Battery  
– See On App!**



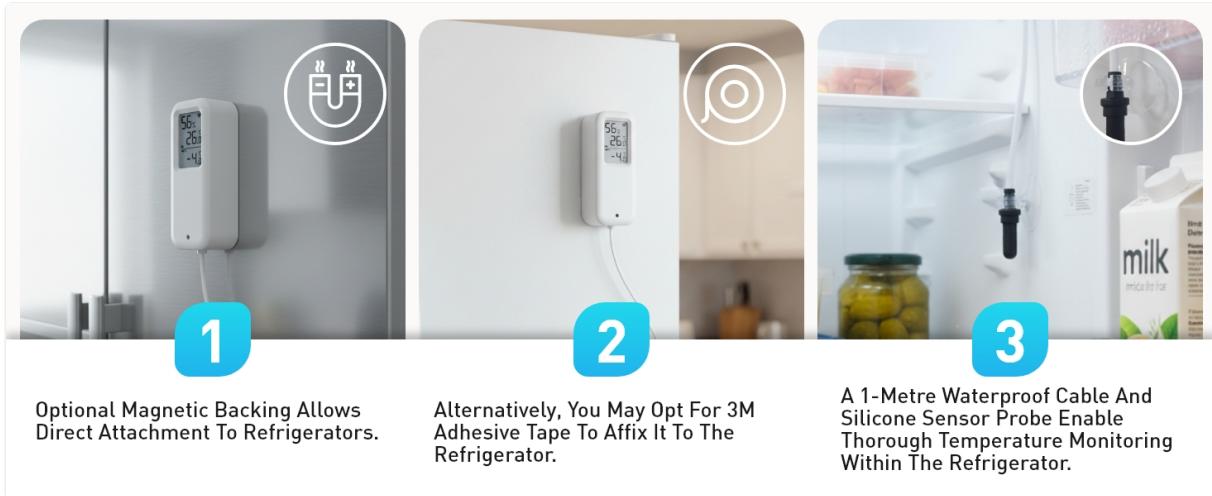
Image 2.1: The open battery compartment of the Daytech WiFi Thermometer, showing the placement for two AAA batteries.

### 2.3 App Download and Account Creation

1. Download the **Smart Life** app from your smartphone's app store (iOS or Android).
2. Register for a new account or log in if you already have one.

### 2.4 Device Pairing (WiFi Connection)

1. Ensure your smartphone is connected to a 2.4GHz Wi-Fi network. **Note: 5GHz Wi-Fi is not supported.**
2. Open the Smart Life app and tap the '+' sign to add a new device.
3. On the thermometer unit, open the back cover and press and hold the small black button for 5 seconds until the Wi-Fi indicator on the display starts blinking.
4. Follow the in-app instructions to select your 2.4GHz Wi-Fi network and enter the password to complete the binding process.



**Image 2.2:** Visual guide for connecting the Daytech WiFi Thermometer to the Smart Life app, showing the steps for adding a product, pressing the reset button, and entering Wi-Fi credentials.

## 2.5 Device Placement

The thermometer unit can be attached to a metallic surface using its optional magnetic backing or affixed with the provided 3M adhesive tape. The external probe, with its 1-meter waterproof cable, can be placed inside a refrigerator, freezer, or other environment to monitor specific temperatures.

**Image 2.3:** Illustration of installation options for the Daytech WiFi Thermometer, including magnetic attachment, adhesive tape, and proper placement of the waterproof sensor probe inside a refrigerator.

## 3. Operating Instructions

### 3.1 On-Device Display

The thermometer's LCD screen displays the following information:

- **Top:** Humidity percentage (from built-in sensor).
- **Middle:** Indoor temperature (from built-in sensor), with Wi-Fi signal strength.
- **Bottom:** External probe temperature.

# Till Back, Relax, 24/7 Smart Alerts

Get App and email notification remotely even while away



**Image 3.1:** The Daytech WiFi Thermometer displaying humidity, indoor temperature, and external probe temperature, alongside an internal view of its components.

## 3.2 Smart Life App Features

The Smart Life app provides comprehensive control and monitoring capabilities:

- **Remote Monitoring:** View temperature and humidity data from anywhere.
- **Real-time Alerts:** Receive instant notifications on your phone or via email when set thresholds are exceeded.
- **Data Tracking & Export:** Access historical data, view trends, and export data for analysis. Data records can be stored for up to 2 years.
- **Temperature Unit Switching:** Easily switch between Celsius (°C) and Fahrenheit (°F).
- **Low Battery Reminder:** The app will notify you when batteries are running low.
- **Calibration:** Supports temperature and humidity calibration for improved accuracy.

# Traceable Temp & Humidity History

Set a temperature threshold to receive app notifications when it's exceeded.



Image 3.2: The Smart Life app interface displaying traceable temperature and humidity history, with options to set temperature thresholds for notifications.

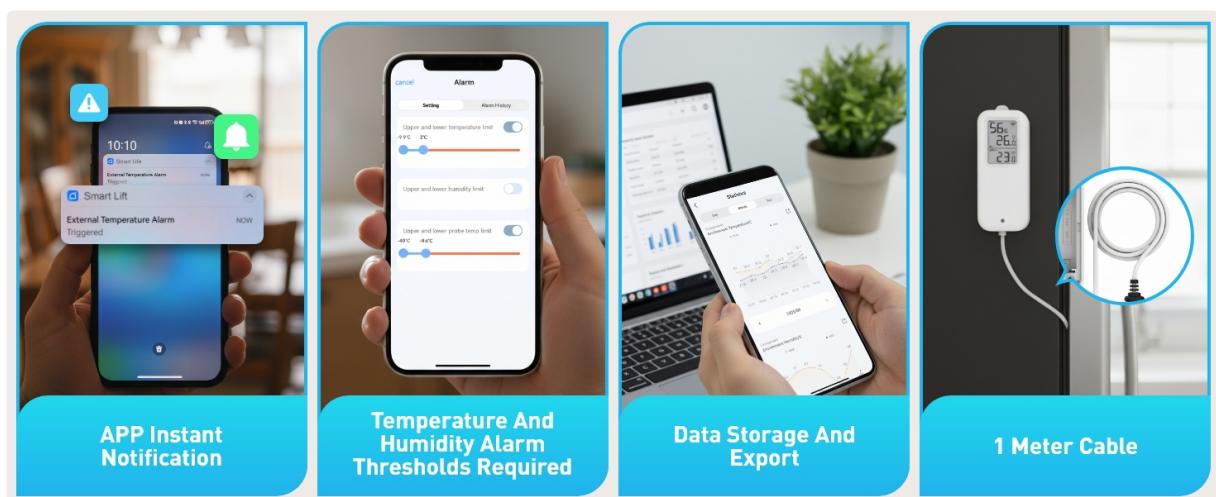


Image 3.3: Screenshots illustrating instant app notifications, the interface for setting temperature and humidity alarm thresholds, and data storage/export features within the Smart Life app.

## 3.3 Setting Alerts

Within the Smart Life app, navigate to the device settings to configure temperature and humidity alarm

thresholds. You can set upper and lower limits for both the built-in sensor and the external probe. When the monitored values fall outside these ranges, the app will send instant notifications to your smartphone and/or email.

### 3.4 Dual Monitoring Capability

The device monitors two ambient temperatures simultaneously:

- The **built-in sensor** measures the temperature and humidity of the immediate environment where the main unit is placed (e.g., room temperature).
- The **external probe sensor** detects the temperature of the specific area it is placed in (e.g., inside a freezer, fish tank, or wine cellar).



**Image 3.4:** Visual explanation of the dual monitoring feature, showing the main unit for indoor monitoring and the external probe for monitoring conditions inside a refrigerator.

## 4. Maintenance

### 4.1 Battery Replacement

When the Smart Life app indicates a low battery level, replace the two AAA batteries. The low power consumption design ensures a long battery life, typically at least two years.

## 4.2 Cleaning

Wipe the thermometer unit with a soft, dry cloth. Do not use liquid cleaners or immerse the main unit in water. The external probe is waterproof and can be cleaned with a damp cloth.

## 4.3 Probe Care

Ensure the external probe's silicone head is intact and properly sealed if it is used in wet environments or liquids like fish tanks.

# 5. Troubleshooting

---

## 5.1 No Wi-Fi Connection

- Ensure your Wi-Fi network is 2.4GHz. The device does not support 5GHz networks.
- Check if the device is within range of your Wi-Fi router (within 10m/30ft is recommended for optimal performance).
- Verify your Wi-Fi password is entered correctly in the Smart Life app.
- Try resetting the device by holding the black button for 5 seconds and re-pairing it with the app.

## 5.2 Inaccurate Temperature/Humidity Readings

- Use the calibration feature within the Smart Life app to adjust readings if you have a known accurate reference.
- Ensure the sensors are not obstructed or exposed to direct sunlight or extreme drafts, which can affect readings.

## 5.3 No Alerts Received

- Check your alert settings in the Smart Life app to ensure thresholds are correctly configured and notifications are enabled.
- Verify your phone's notification settings for the Smart Life app.
- If using email alerts, check your spam or junk folder.

# 6. Specifications

---

Parameter	Value
Model Number	NUS-TH01-2
Temperature Measurement Range (Built-in)	-9.9°C to 60°C (14°F to 140°F)
Temperature Accuracy (Built-in)	±1°C
Humidity Range	0% to 100% RH
Humidity Accuracy	±5% RH
External Probe Working Temperature	-40°C to 120°C (-40°F to 248°F)
Connectivity	2.4GHz Wi-Fi (5GHz not supported)
Power Source	2 x AAA Batteries

Dimensions	4.72 x 3.98 x 1.02 inches
Item Weight	5.3 ounces



**Image 6.1:** Detailed technical specifications for the Daytech WiFi Thermometer, including temperature range, accuracy, humidity accuracy, and refresh frequency.

## 7. Warranty and Support

For warranty information or technical support, please contact Daytech customer service. Refer to the product packaging or the official Daytech website for contact details.