

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

1. Open the back cover of the thermometer unit.
2. Insert the two AAA batteries, ensuring correct polarity.
3. 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.

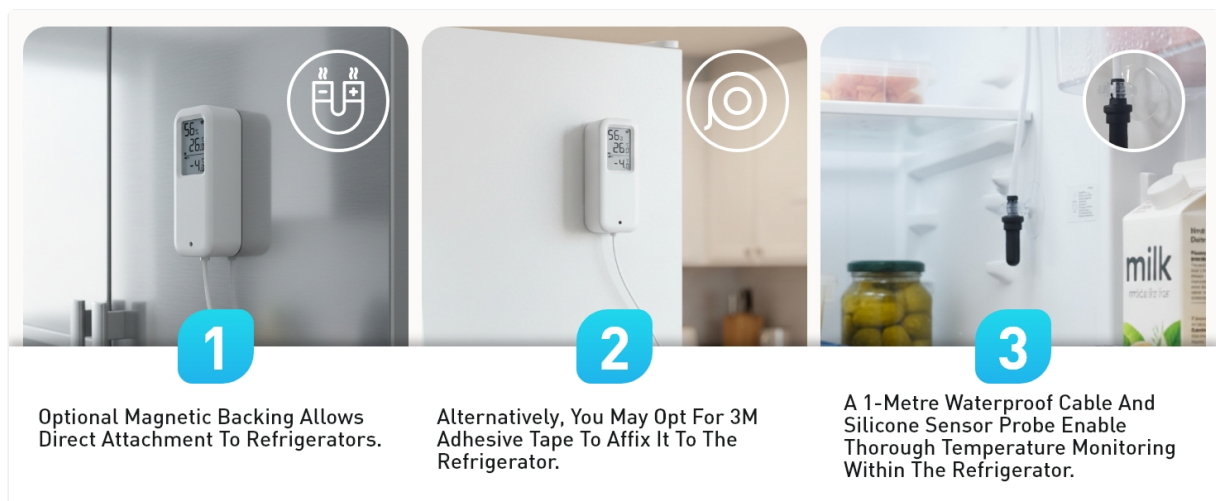


Image 2.2: Visual guide for connecting the Daytech WiFi Thermometer to the Smart Life app, showing the steps for adding a product, pressing the reset button, and entering Wi-Fi credentials.

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.

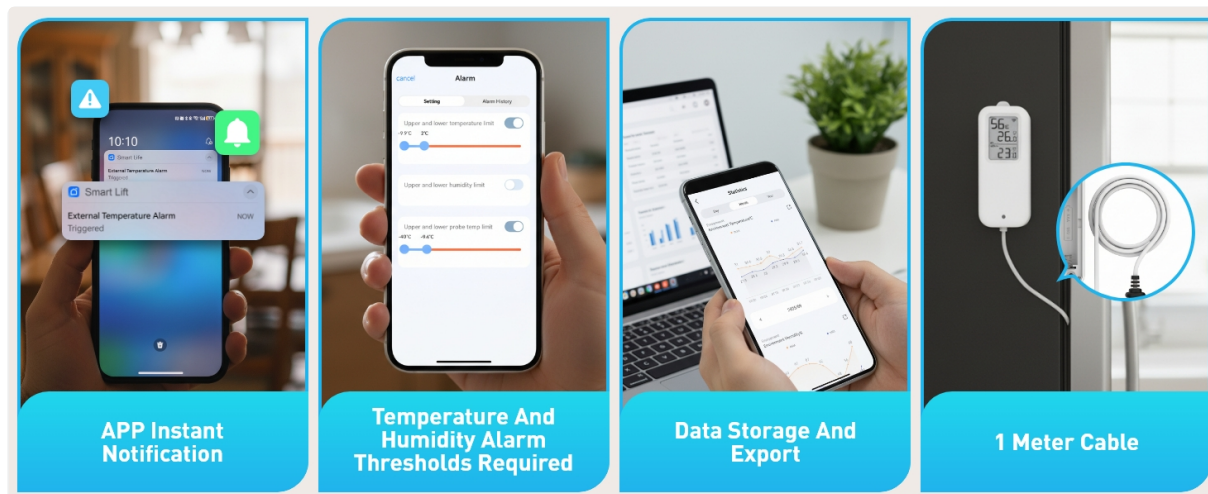


Image 3.3: Screenshots illustrating instant app notifications, the interface for setting temperature and humidity alarm thresholds, and data storage/export features within the Smart Life app.

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).

See Both: Temperature And Humidity

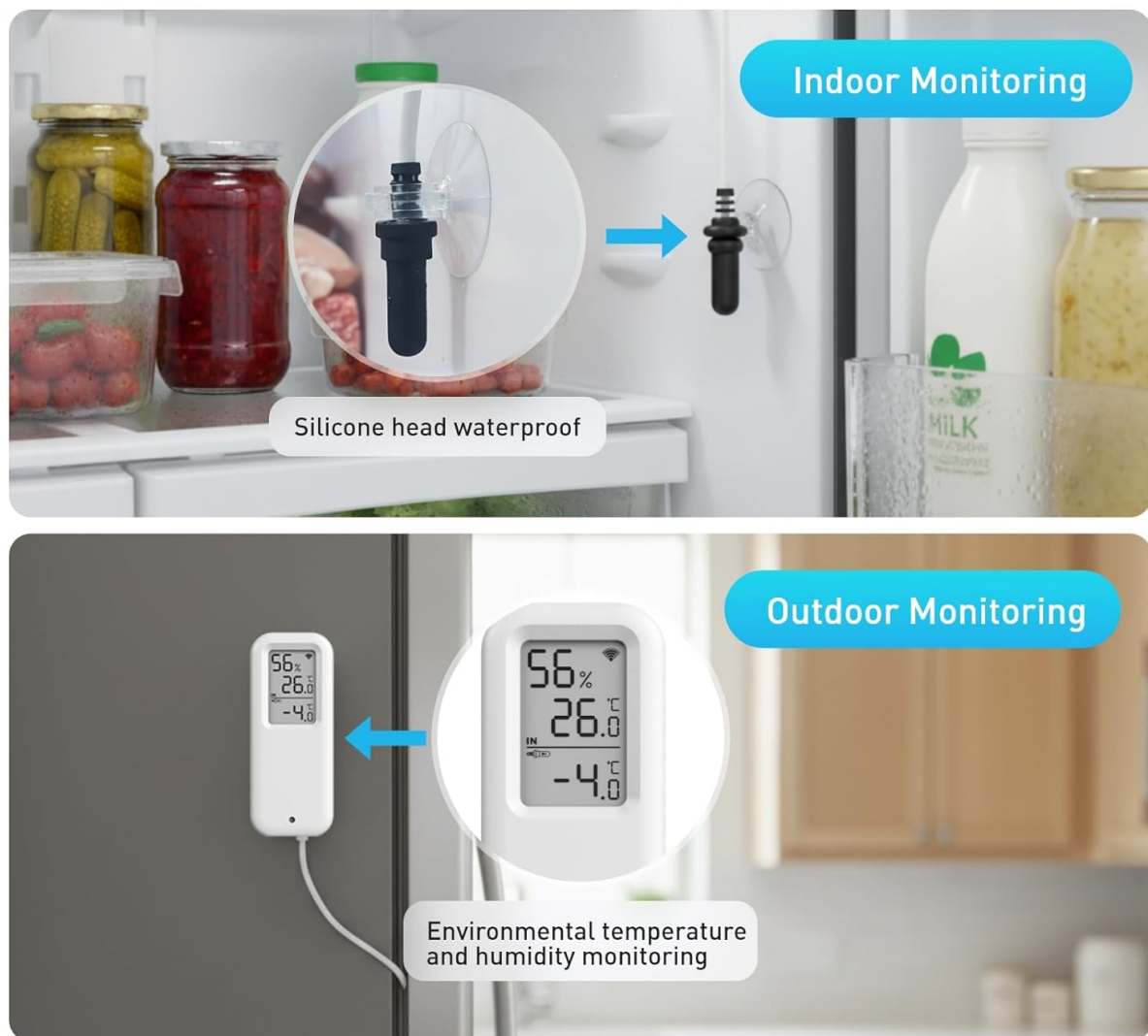


Image 3.4: Visual explanation of the dual monitoring feature, showing the main unit for indoor monitoring and the external probe for monitoring conditions inside a refrigerator.

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



The image shows a white, rectangular smart refrigerator thermometer with a digital display. The display shows 56% humidity, 26.0°C temperature, and -4.0°C temperature. The device has a probe attached to the bottom. The background is a light blue grid with glowing lines.

Smart Refrigerator Thermometer With Probe



-40°C~65°C
Temp Range



±0.5°C(±1°F)
Temp Range



+5%RH
Humidity Accuracy



2S
Refresh Frequency

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.