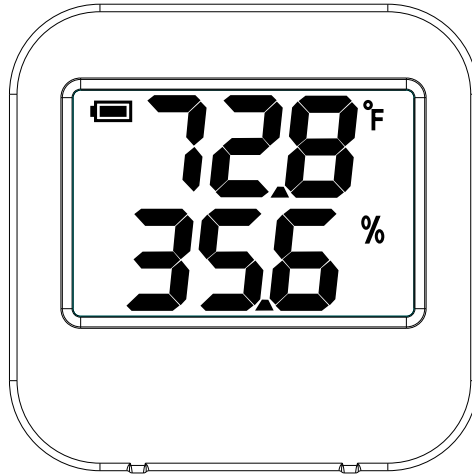




## User Guide

YS8003-UC



Temperature Humidity Sensor

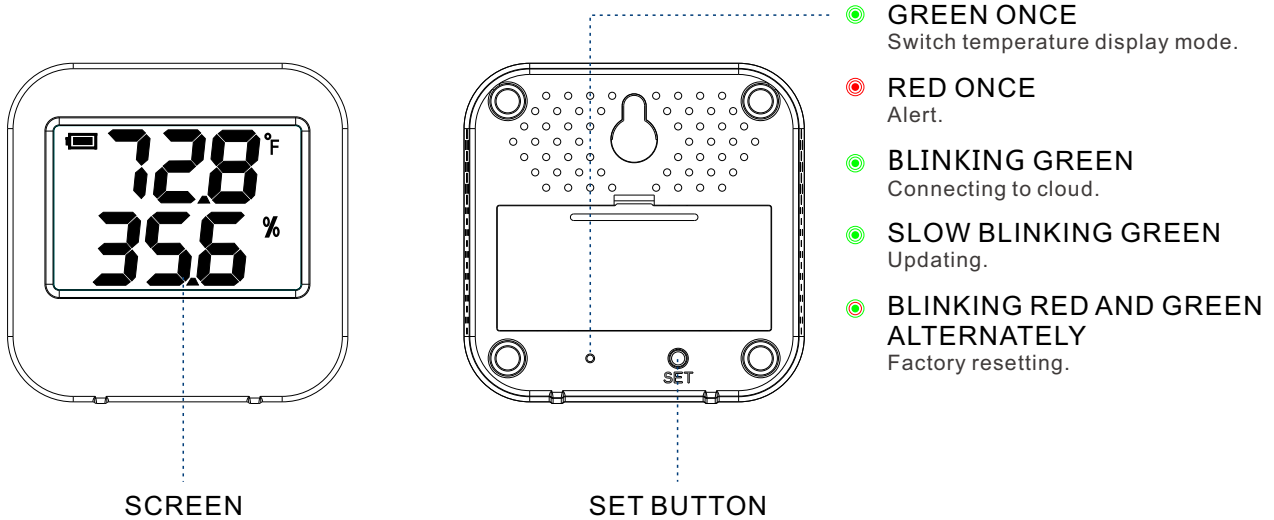
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# Introduction

Temperature Humidity Sensor detects the real-time value of temperature and humidity. Download YoLink App, add Temperature Humidity Sensor to your smart home system, which will be able to detect and record the temperature and humidity.

LED lights can show the current status of the sensor. See the explanation below:



# Features

**Temperature Humidity Value** - The recently updated value and history value of temperature and humidity via YoLink App.

**Alert** - Alert you when temperature value or humidity value is in the alert range and when battery charge is low.

**Battery Status** - Display real-time battery charge.

**Automation** - Set rules for “If this then that” function. If the triggered condition is met, then action device will run automatically according to the setting.

## Product Required

- A YoLink Hub.
- A smartphone or tablet running iOS 9.0 or higher; Android 4.4 or higher.

## What's In The Box

- Qty1 - Temperature Humidity Sensor
- Qty2 - AAA Battery
- Quick Start Guide

# Set Up Temperature Humidity Sensor

Follow the steps below to set up your Temperature Humidity Sensor via YoLink App.

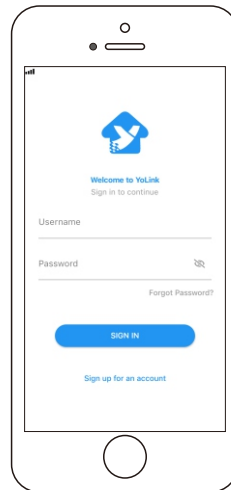
## Step 1: Set up YoLink App

- Download the YoLink App from the Apple App Store or Google Play.





## Step 2: Log in or sign up the YoLink account

- Open the App. Log in your YoLink account.
- If you don't have a YoLink account, tap **Sign up for an account** to sign up an account.



## Step 3: Add device to YoLink App

- Tap the “- a. **Name** - Name Temperature Humidity Sensor.
- b. **Room** - Choose a room for Temperature Humidity Sensor.
- c. **Favourite** - Click “

The image illustrates the process of adding a device to the YoLink app through four sequential steps:

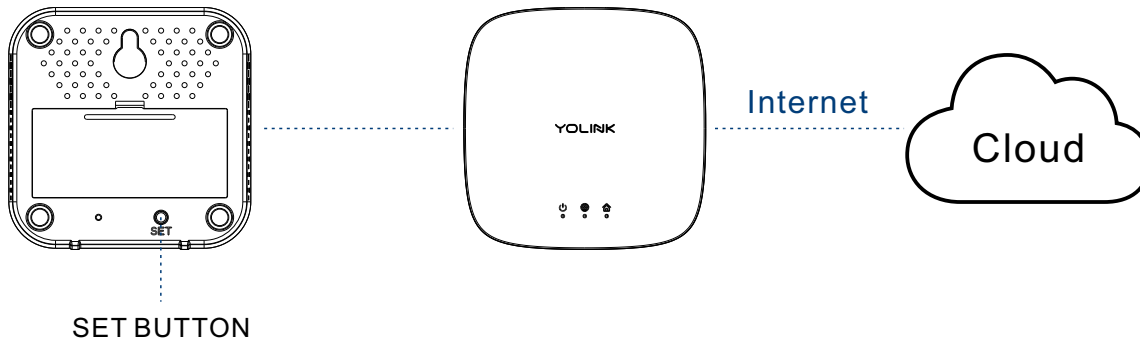
  - Step 1:** The YoLink app's 'Rooms' screen is shown. A red box highlights the 'Add Device' button in the top right corner.
  - Step 2:** A physical Temperature Humidity Sensor is shown, featuring a QR code on its top surface.
  - Step 3:** The 'Add Device' screen is displayed. It shows the device type (Temp Humidity Sensor), model (YS8003-1-0), and device ID (0888A4c100002810c). Below this, there are three input fields: 'Name' (Temp Humidity Sensor), 'Room' (8003), and 'Favourite' (with a heart icon). A 'Bind Device' button is at the bottom.
  - Step 4:** The 'Add Device' screen is shown again, but the 'Bind Device' button is now highlighted with a red box, indicating it should be tapped to complete the process.

## Step 4: Connect to the cloud

- Press the SET button once, the LED light will blink green and your device will connect to the cloud automatically.

### Note

- Make sure your hub is connected to internet either wired or wireless.



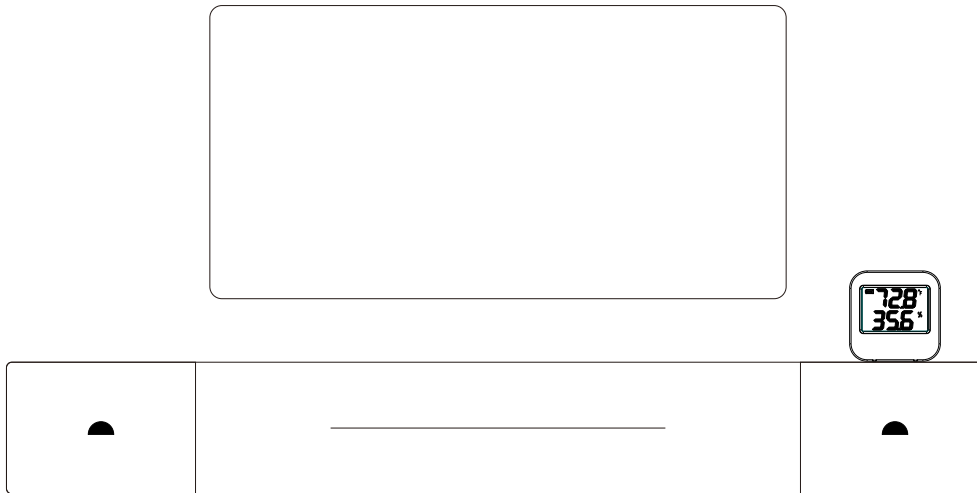


## Step 5: Device placement

- Put your device anywhere you want to detect, or you can use a screw to hang it on the wall.

### Note

- Make sure your device is placed steadily.



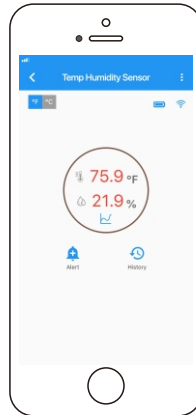
# Using YoLink App with Temperature Humidity Sensor

## Alert

Either the current temperature or current humidity is above the high alert value or below the low alert value, an alert message will send to your YoLink account.


## Note


- You can set the interval between two alerts after a temperature or humidity alert.

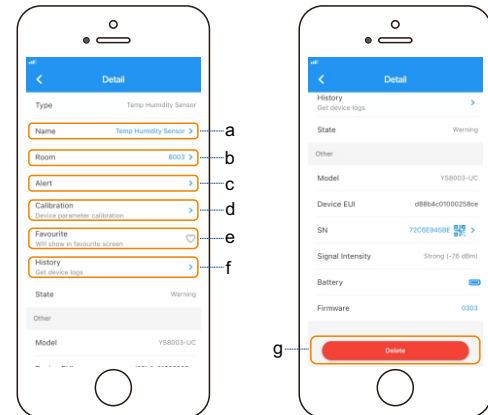


## Details

You can customize the name, set the room, set the alert, set the calibration, add to/remove from favourite, check device history.

- a. **Name** - Rename Temperature Humidity Sensor.
- b. **Room** - Choose a room for Temperature Humidity Sensor.
- c. **Alert** - Enable or disable alert for Temperature Humidity Sensor.
- d. **Calibration** - Set a calibration value for the Temperature Humidity Sensor.
- e. **Favourite** - Click “  ” icon to add/remove from Favourite.
- f. **History** - Check the history log for the Temperature Humidity Sensor.
- g. **Delete** - Current device will be removed from your YoLink account.

- Tap the “Temperature Humidity Sensor” in App to go to its controls.
- Tap the “  ” icon at the top-right corner to go to details.
- Tap the icon for each of the settings you want to personalize.




## History Value

You can check history value in 3 scales: Hour, Day and Week.

**Hour** - Temperature and humidity value for the last 2 hours.

**Day** - Temperature and humidity value for the last day.

**Week** - Temperature and humidity value for the last 7 days.

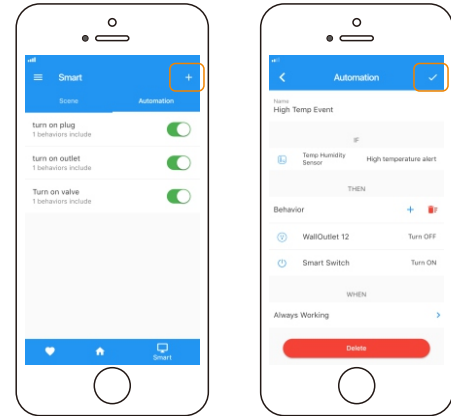
- Tap the “Temperature Humidity Sensor” in App to go to its controls.
- Tap the “” icon to open the history value.
- Tap “Hour”, “Day”, or “Week” to view data under each scale.



# Automation

Automation allows you to set up “If this then that” rules so the devices could act automatically.

- Tap “Smart” to switch to Smart screen and tap “Automation”.
- Tap “ + ” to create an automation.
- To set an Automation, you will need to set a trigger time, local weather condition, or choose a device with certain stage as a triggered condition. Then set one or more devices, scenes to be executed.



# Maintaining the Temperature Humidity Sensor

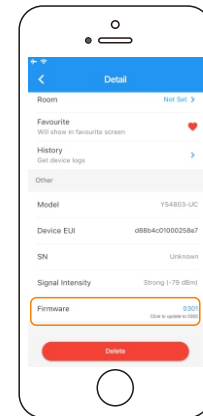
## Firmware Update

To ensure our customer have the best user experience, we highly recommend you could update our newest version firmware.

- Tap the “Temperature Humidity Sensor” in App to go to its controls.
- Tap the “ : ” icon at the top-right corner to go to details.
- Tap “Firmware”.
- The light will be slowly blinking green during the update and stop blinking when the update done.

### Note

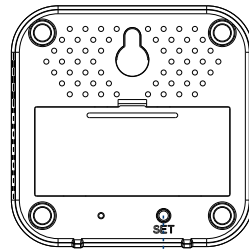
- Only the Temperature Humidity Sensor that is currently reachable and has an available update will be shown on the Details screen.



## Factory Reset

Factory reset will erase all your settings and bring it back to default. After the factory reset, your device will still in your Yolink account.

- Hold the SET button for 20-25 seconds until the LED blinks red and green alternately.
- Factory reset will be done when the light stops flashing.



SET BUTTON

# Specifications

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Voltage: 3V DC (2 - AAA Battery)

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Temperature Range:  $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$ ,  $\pm 0.3^{\circ}\text{C}$  (  $14^{\circ}\text{F} \sim 122^{\circ}\text{F}$ ,  $\pm 0.54^{\circ}\text{F}$  )

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Humidity Range: 0% ~ 100%,  $\pm 3\%$

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Environment: Working Temperature:  $-10^{\circ}\text{C} \sim 50^{\circ}\text{C}$  ( $14^{\circ}\text{F} \sim 122^{\circ}\text{F}$ )  
Working Humidity: 0%~100% non-condensing

---



# Troubleshooting

Problem	Possible Reason	Solution
Temperature Humidity Sensor is offline.	Hub is offline.	Please reconnect your hub to the Internet and press the set button of Temperature Humidity Sensor once.
	Hub is powered off.	Please power on the hub again and press the set button of Temperature Humidity Sensor once.
	Temperature Humidity Sensor is battery died.	Please replace the two batteries.
	Other reasons.	Please contact customer service.
Other problems.	Please contact customer service.	

# WARNING

- Keep away from high temperature or fire.
- Keep away from dusty, wet or dirty.
- This product is not waterproof, please keep it dry.
- To avoid dust entering the product and affect the usage of the product, do not use strong chemicals or cleaning agents to clean this product, please use a clean, dry cloth to wipe this product.
- Please do not mix a new battery with an old one, or it may affect the use of product.
- Do not expose the product and its batteries to high temperatures or heating devices such as sunlight, heaters, microwaves, ovens or water heaters.
- Do not treat this product, battery and other accessories as domestic garbage to avoid environmental pollution. Please dispose them according to local regulations.
- Keep the product from strong shocking, so as not to damage the product.
- Do not disassemble or modify this product by yourself. In case of equipment failure, please contact our customer service.

**If you are unable to get your temperature humidity sensor working  
Please contact Our Customer Service during business hours**

US Live Tech Support: 1-949-825-5958 M-F 9am - 5pm PST

Email: [support@YoSmart.com](mailto:support@YoSmart.com)

YoSmart Inc. 17165 Von Karman Avenue, Suite 105, Irvine, CA 92614

**WARRANTY** 2 Year Limited Electrical Warranty

YoSmart warrants to the original residential user of this product that it will be free from defects in materials and workmanship, under normal use, for 2 year from the date of purchase. User must provide a copy of original purchase receipt. This warranty Does Not Cover abuse or misused products or products used in commercial applications. This warranty does not apply to temperature humidity sensors that have been improperly installed, modified, put to a use other than designed, or subjected to acts of God (such as floods, lightning, earthquakes, etc.). This warranty is limited to repairing or replacing of this temperature humidity sensor only at YoSmart's sole discretion. YoSmart will NOT be liable for the cost of installing, removing, nor reinstalling this product, nor direct, indirect, or consequential damages to persons or property resulting from the use of this product. This warranty only covers the cost of replacement parts or replacement units, it does not cover shipping & handling fees.

To implement this warranty please give us a call during business hours at 1-949-825-5958, or visit [www.yosmart.com](http://www.yosmart.com).

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## FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio / TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- 1) This device may not cause harmful interference.
- 2) This device must accept any interference received, including interference that may cause undesired operation. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

## FCC RF Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.

“To comply with FCC RF exposure compliance requirements, this grant is applicable to only Mobile Configurations. The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.”