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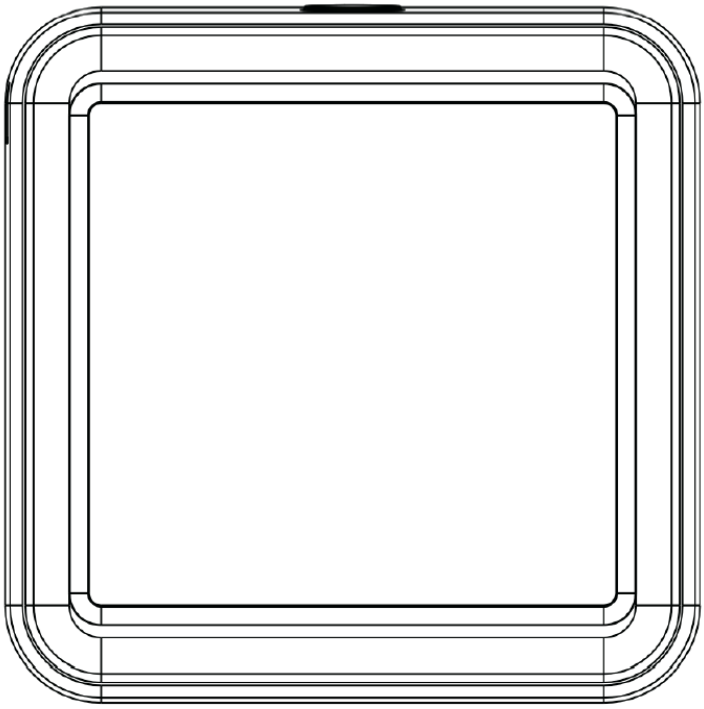
gosund ST18 Zigbee Temperature and Humidity Sensor

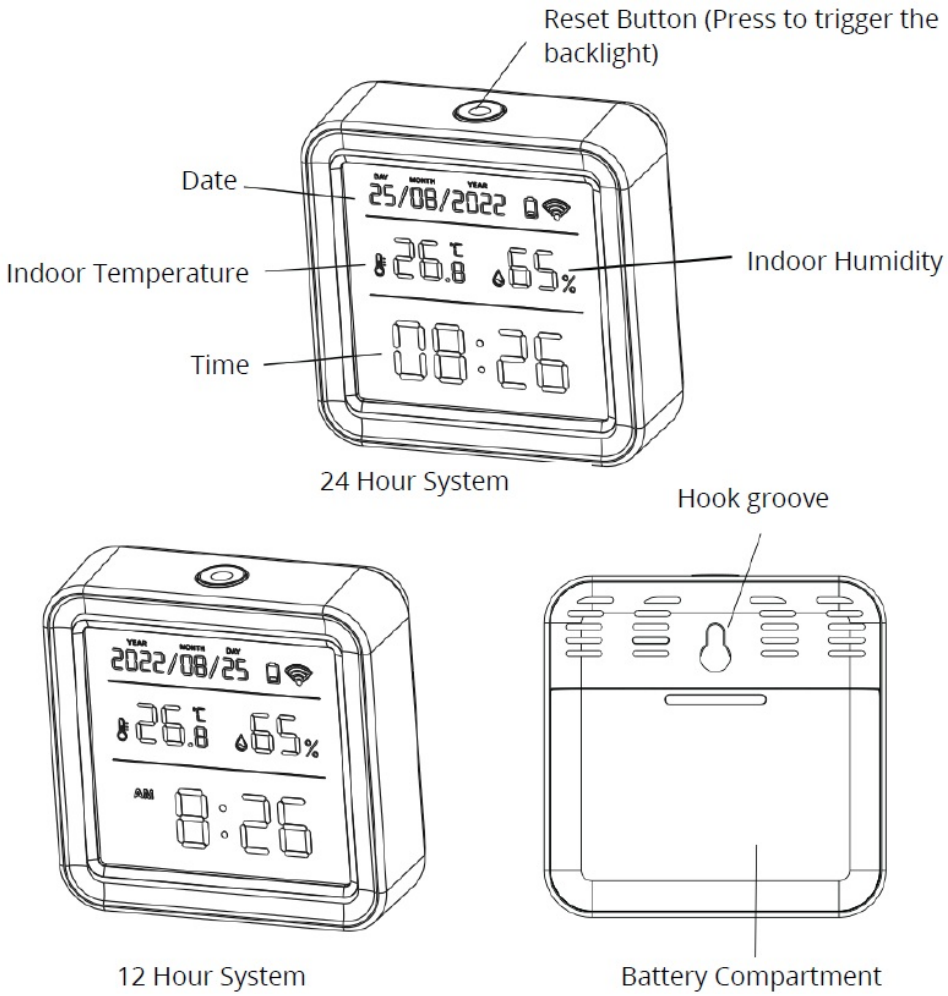


Dear customer,

Thank you for purchasing our product. Please read the following instructions carefully before first use and keep this user manual for future reference. Pay particular attention to the safety instructions. If you have any questions or comments about the device, please visit our customer support page: www.alza.cz/EN/kontakt.

Importer Alza.cz a.s., Jankovcova 1522/53, Holešovice, 170 00 Praha 7, www.alza.cz

Product Presentation



Specifications

Feature	Detail
Size	56×56×23 mm
Battery	3 x LR03 1.5 V AAA (Alkaline recommended)
Zigbee Standard	IEEE 802.15.4
Temperature Measure Range	−9.9 ◦C to 60 ◦C
Temperature Accuracy	±1◦C
Humidity Measure Range	0% RH to 99% RH
Humidity Accuracy	±5% RH

Checklist Before Using the Device

- Ensure a Tuya Zigbee gateway is available and set up.
- Your smartphone must be connected to a 2.4GHz Wi-Fi network.

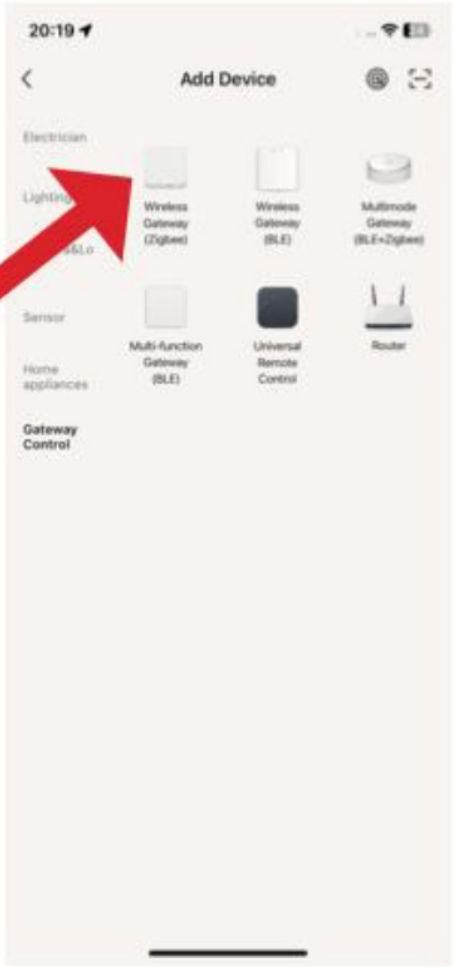
- Your smartphone must be running Android 4.4+ or iOS 8.0+.
- If your Wi-Fi router has reached its device connection limit, try disabling another device to free up a channel or connect using a different Wi-Fi router.

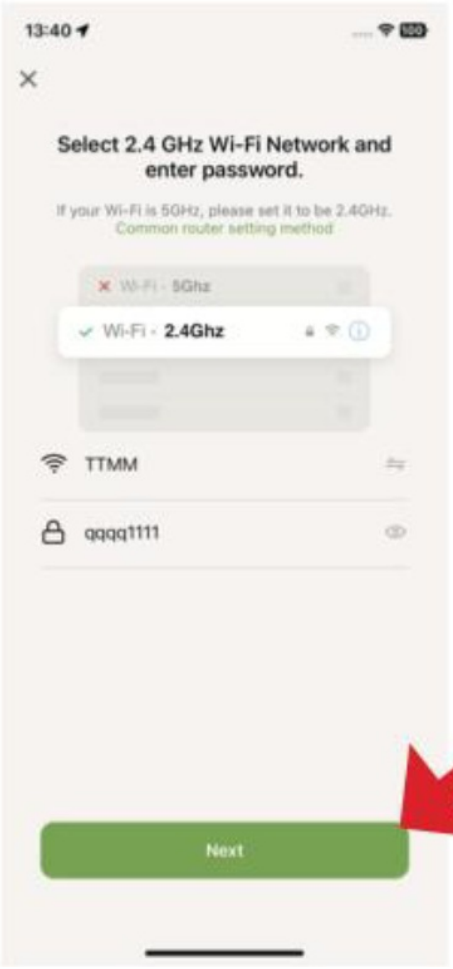
How to Set Up

- Download the App: Use your smartphone to scan the QR code provided, or search for the “Gosund” app in the Google Play Store or Apple App Store to download and install it.

- Create Account: Launch the app and create an account using your mobile number and the received authentication code.

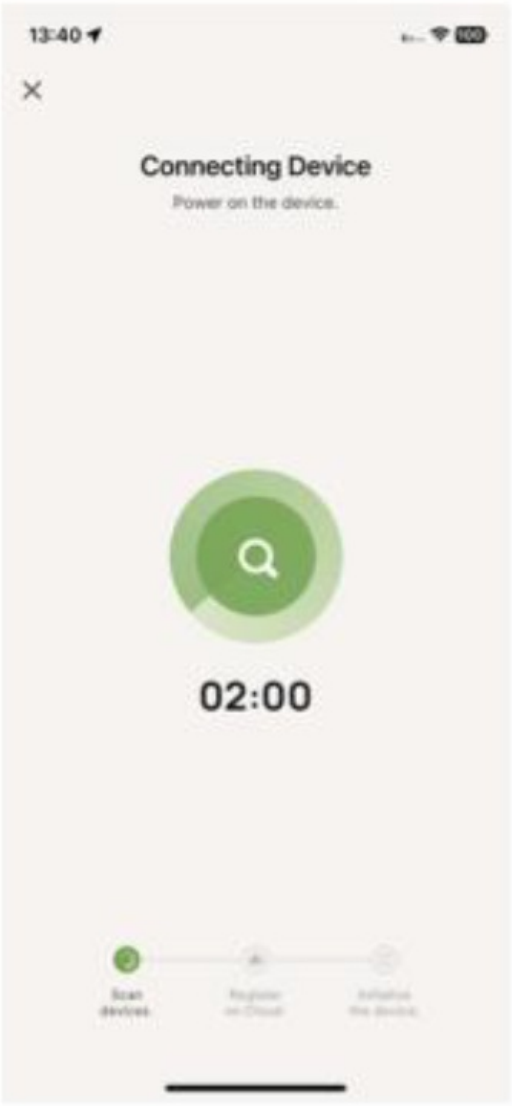
- Add Zigbee Gateway (If not already done):
  - First, ensure your Zigbee gateway is bound to your app.
  - Connect your smartphone to your 2.4GHz Wi-Fi network.
  - In the app, tap the “+” icon in the upper right corner or tap “Add Device”.
  - Select “Wireless Gateway (Zigbee)” from the “Gateway Control” category.
  - Enter your Wi-Fi network name and password.
  - Follow the app instructions to put the gateway into pairing mode:
    - Blink Quickly Method: Select “Blink Quickly”. Ensure the gateway’s indicator light is blinking rapidly. If not, press and hold the gateway’s reset button for approximately 5 seconds until the light blinks quickly. The app will then attempt to connect.


20:19
Add Device
Electrician
Lighting
Sensor
Home appliances
Gateway Control
Wireless Gateway (Zigbee)
Wireless Gateway (BLE)
Multimode Gateway (BLE+Zigbee)
Multi-function Gateway (BLE)
Universal Remote Control
Router

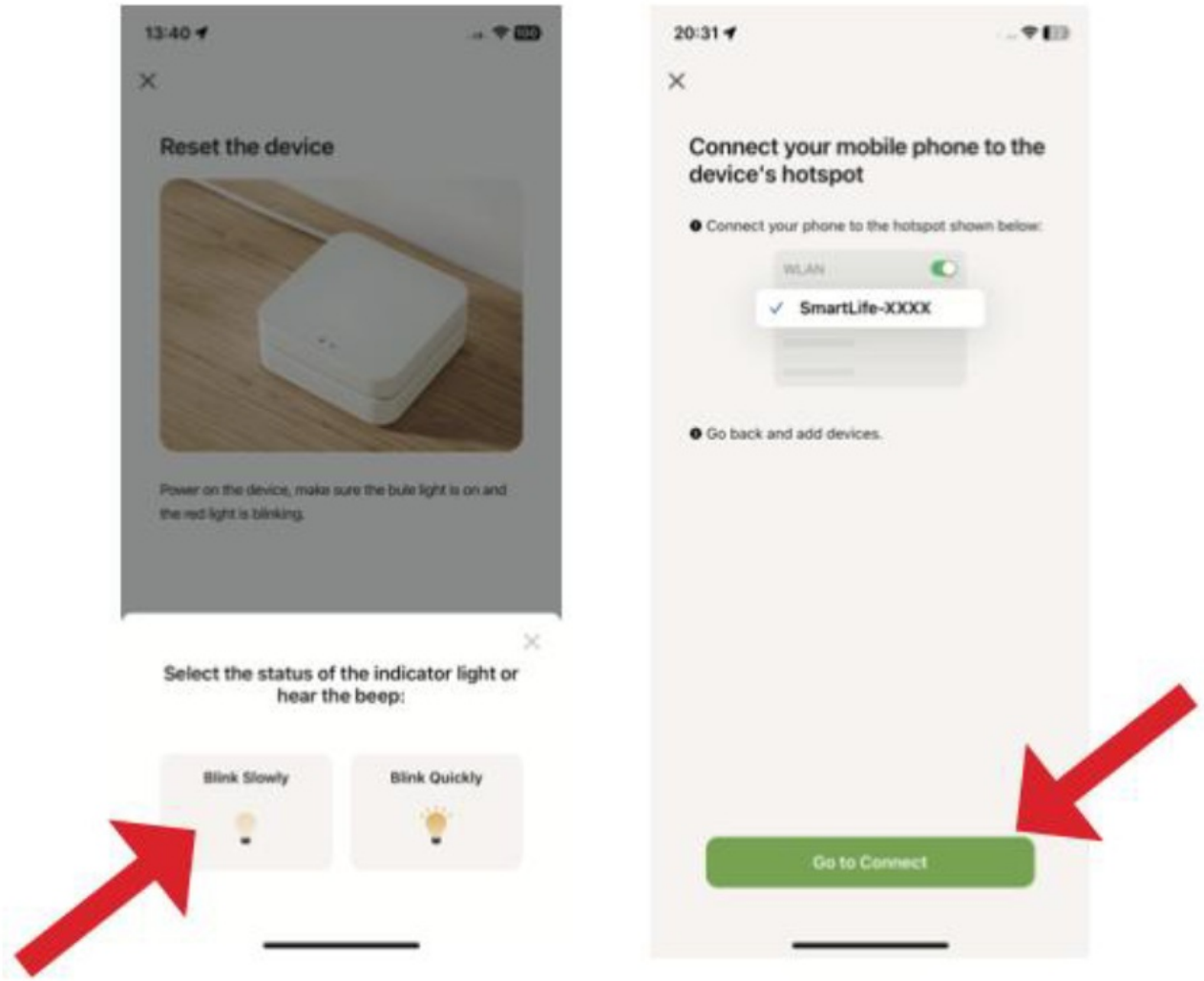

13:40
Select 2.4 GHz Wi-Fi Network and enter password.
If your Wi-Fi is 5GHz, please set it to be 2.4GHz.
Common router setting method
Wi-Fi · 5Ghz
Wi-Fi · 2.4Ghz
TTMM
qqqq1111
Next

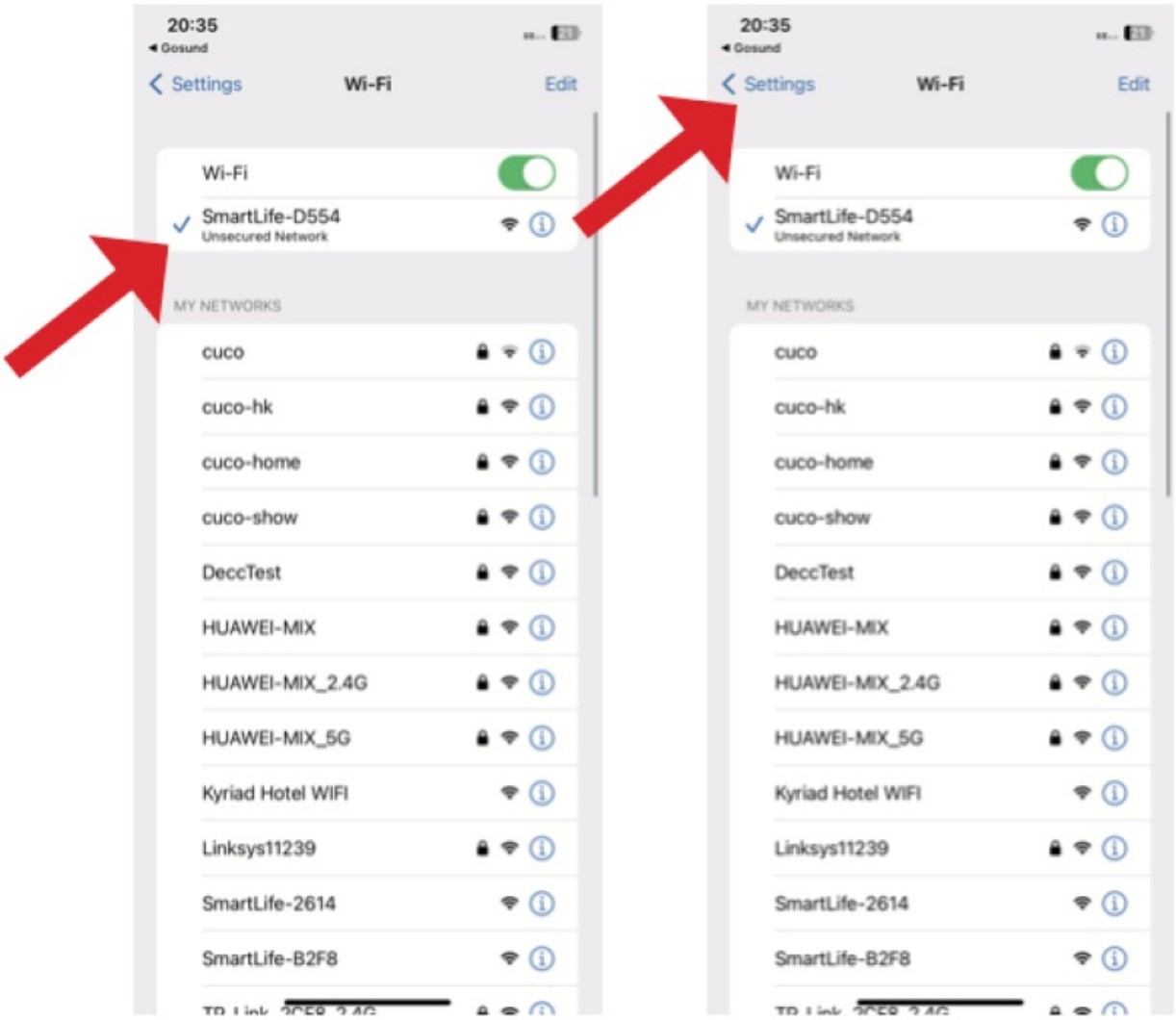

13:40
Reset the device
Power on the device, make sure the bule light is on and the red light is blinking.
Confirm the indicator is blinking
Reset Device Step by Step


13:40
Reset the device
Power on the device, make sure the bule light is on and the red light is blinking
Select the status of the indicator light or hear the beep:
Blink Slowly
Blink Quickly

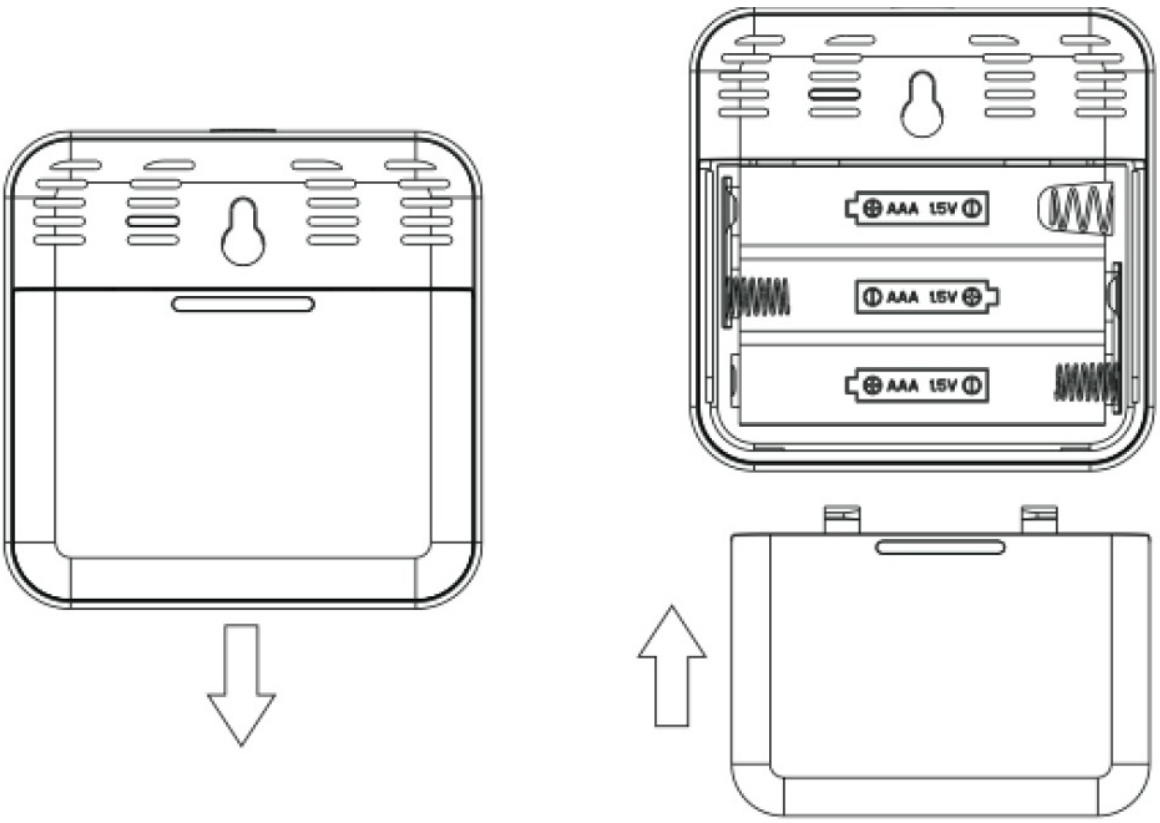


- Blink Slowly Method: Alternatively, select “Blink Slowly”. Ensure the gateway’s indicator light is blinking slowly. If not, press and hold the gateway’s reset button for approximately 5 seconds until the light blinks slowly. Connect your smartphone directly to the gateway’s hotspot network (e.g., “SmartLife-XXXX”). Return to the app interface; it should then connect to your Wi-Fi router automatically to complete the configuration.


13:40
Reset the device
Power on the device, make sure the bule light is on and the red light is blinking.
Select the status of the indicator light or hear the beep:
Blink Slowly
Blink Quickly
20:31
Connect your mobile phone to the device's hotspot
Connect your phone to the hotspot shown below:
WLAN
SmartLife-XXXX
Go back and add devices.
Go to Connect



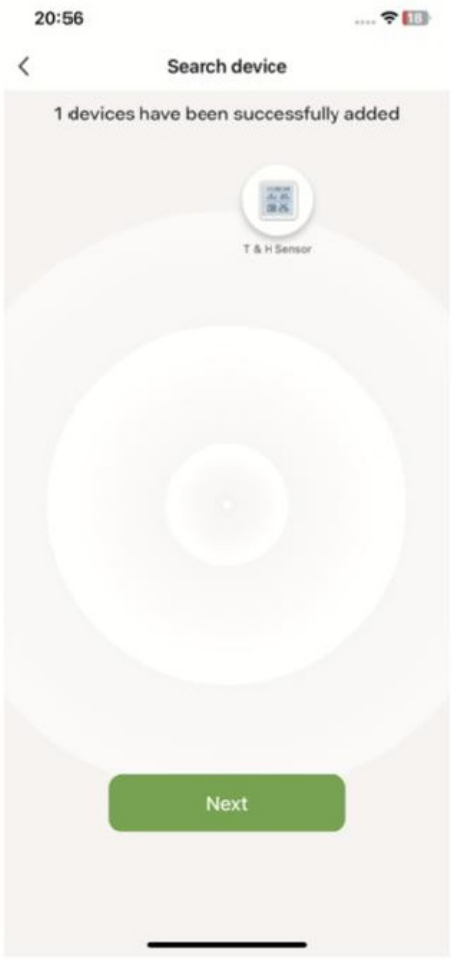
- Install Batteries in Sensor: Push the battery compartment cover downwards to open it. Install 3 AAA alkaline batteries, ensuring correct polarity (+/-). Align the cover with the slots and push it upwards to close.



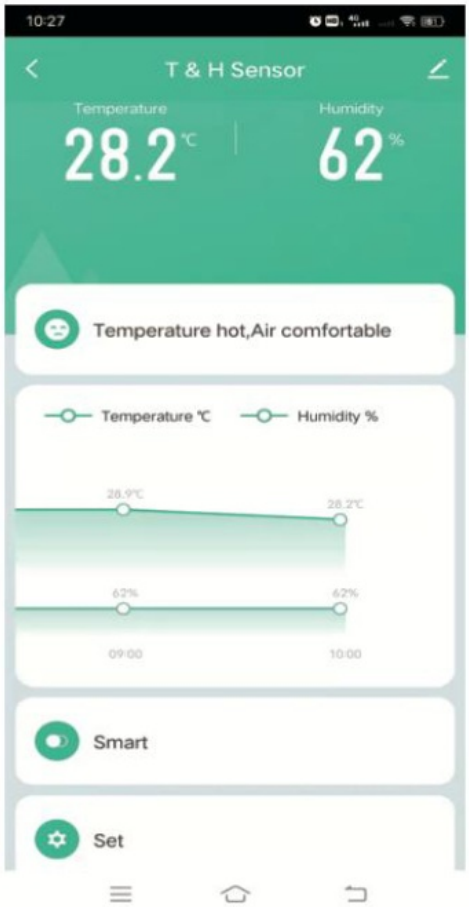
Add Sensor to Gateway:

- In the app (ensure the correct gateway is selected if you have multiple), tap “+ Add devices”.
- Make sure the Wi-Fi signal icon on the sensor’s screen is flashing. If it is not, press and hold the reset button on the sensor for about 5 seconds until the icon starts flashing.
- The app will automatically search for the device. Once added successfully, the sensor is ready to use.


14:57
Mini Multi-Mode Gateway
Device online
Device Info
Bluetooth devices list
Zigbee devices list
No device
Add devices

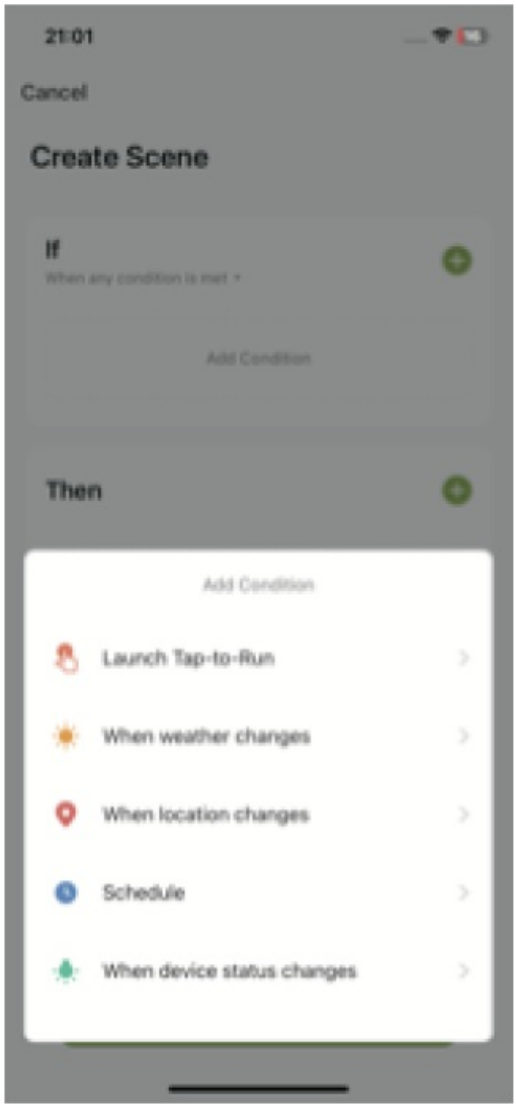

20:56
Search device
1 devices have been successfully added
T & H Sensor
Next

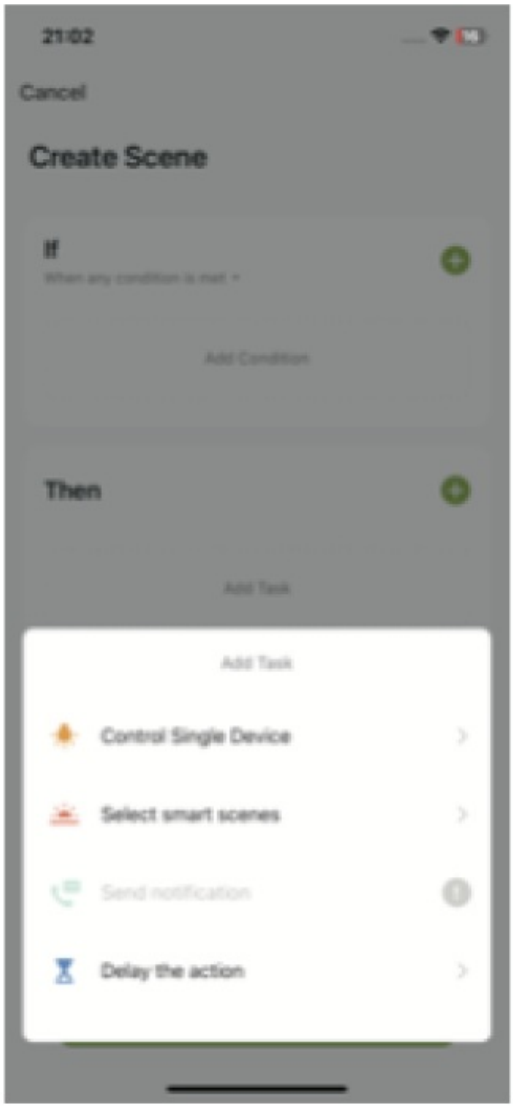

20:57
Gateway
Device online
Device Info
Bluetooth devices list
Zigbee devices list
T & H Sensor
Add devices


10:27
T & H Sensor
Temperature
28.2 ℃
Humidity
62 %
Temperature hot,Air comfortable
Temperature ℃
Humidity %
28.9℃
28.2℃
62%
62%
09:00
10:00
Smart
Set

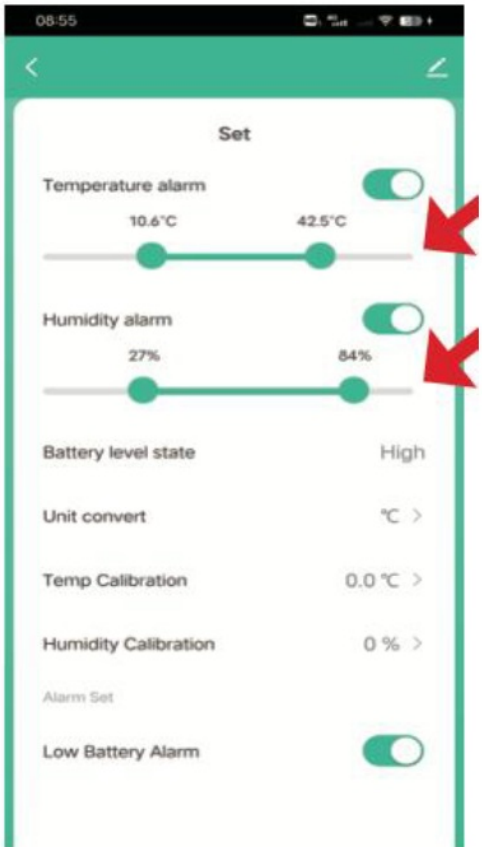
Functions

- Smart Linkage: Create automated scenes with other compatible Gosund smart devices, such as a Smart IR Remote Controller. For example, you can set the air conditioner to turn on automatically when the indoor temperature detected by the sensor exceeds 30◦C.

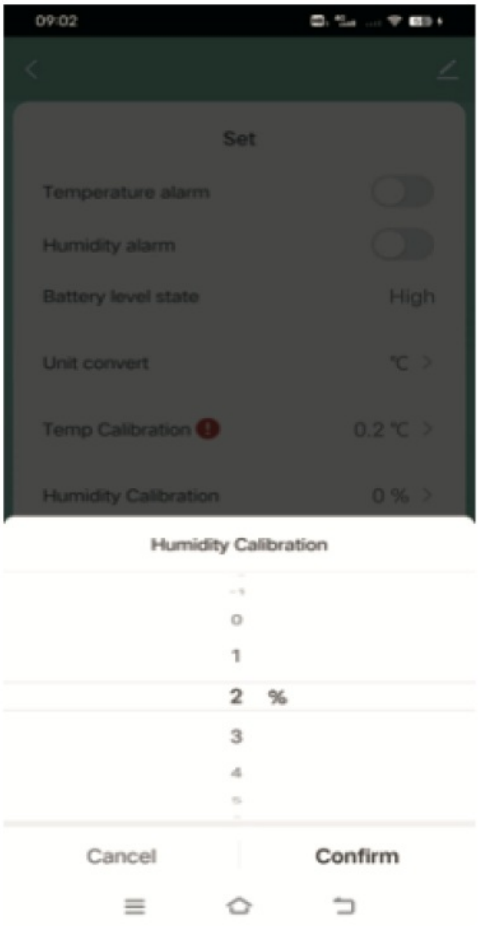




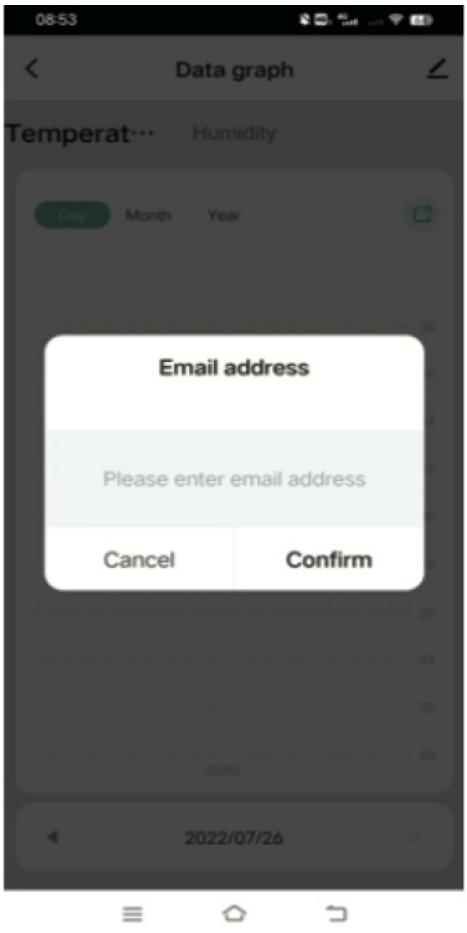
- Temperature & Humidity Alarm: Set desired temperature and humidity ranges within the app. If the measured values exceed these preset limits, you will receive an instant alarm message via the app.



- Temperature & Humidity Calibration: If needed, you can calibrate the temperature and humidity readings in the app's settings. Select the desired calibration offset value, then press the reset button on the sensor once. The calibrated temperature or humidity will synchronize on the sensor's screen and within the app.



- Temperature & Humidity Records: View historical temperature and humidity data, stored for up to one year. You can also export this data to your email address.



- Temperature Unit Switch: Switch the temperature display unit between Fahrenheit (◦F) and Celsius (◦C) in the app's settings. After changing the setting in the app, press the reset button on the sensor once to synchronize the change on both the screen and the app.
- Low Battery Alarm: When the sensor's battery power level is low, the app will send an alert message, reminding you to replace the batteries promptly.
- Third-Party Voice Control: Check the current temperature and humidity using voice commands with Amazon Alexa and Google Assistant smart speakers.

Warranty Conditions

A new product purchased in the Alza.cz sales network is guaranteed for 2 years. If you need repair or other services during the warranty period, contact the product seller directly, you must provide the original proof of purchase with the date of purchase.
The following are considered to be a conflict with the warranty conditions, for which the claimed claim may not be recognized:

- Using the product for any purpose other than that for which the product is intended or

failing to follow the instructions for maintenance, operation, and service of the product.

- Damage to the product by a natural disaster, the intervention of an unauthorized person or mechanically through the fault of the buyer (e.g., during transport, cleaning by inappropriate means, etc.).
- Natural wear and aging of consumables or components during use (such as batteries, etc.).
- Exposure to adverse external influences, such as sunlight and other radiation or electromagnetic fields, fluid intrusion, object intrusion, mains overvoltage, electrostatic discharge voltage (including lightning), faulty supply or input voltage and inappropriate polarity of this voltage, chemical processes such as used power supplies, etc.
- If anyone has made modifications, modifications, alterations to the design or adaptation to change or extend the functions of the product compared to the purchased design or use of non-original components.

EU Declaration of Conformity

CE This product complies with the legal requirements of the European Union directive(s).

WEEE

 This product must not be disposed of as normal household waste in accordance with the EU Directive on Waste Electrical and Electronic Equipment (WEEE – 2012/19/EU). Instead, it shall be returned to the place of purchase or handed over to a public collection point for the recyclable waste. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. Contact your local authority or the nearest collection point for further details. Improper disposal of this type of waste may result in fines in accordance with national regulations.

Frequently Asked Questions

- **When are the temperature and humidity readings most accurate?**
  The readings become closer to the actual ambient environment approximately 30

minutes after the initial setup and network configuration are completed. Therefore, the measurements are more accurate and reliable after this stabilization period.

- **Under what conditions might the temperature and humidity on the screen not sync immediately with the data in the app?**
  Minor deviations are normal during stable conditions. Synchronization might not be instant if:
  - The difference between the temperature displayed on the screen and in the app is less than or equal to ±0.5∘C.
  - The difference between the humidity displayed on the screen and in the app is less than or equal to ±5% RH.
- **When does the temperature and humidity on the screen sync with the data in the app?**
  Synchronization typically occurs:
  - Immediately after the network configuration is successfully completed.
  - Whenever the device actively reports the temperature and humidity data to the Tuya cloud platform.
  - Instantly when the device detects an environmental temperature change greater than or equal to ±0.5∘C OR a humidity change greater than or equal to ±5% RH (provided the device has been powered on for over 2 minutes).
  - Approximately every hour if the device detects environmental temperature changes less than ±0.5∘C AND humidity changes less than ±5% RH.
- **Battery Usage Note:** Please use alkaline batteries. Configure the network connection immediately after installing the batteries and ensure the network remains stable after configuration. If the network goes offline, the sensor will continuously attempt to reconnect, which will consume battery power more rapidly.
- **Placement:** Keep the sensor away from direct heat sources to ensure accurate readings.
- **Voice Commands Examples:**
  - “OK Google, what is the [device name] humidity?”
  - “OK Google, what is the [device name] temperature?”
  - “Alexa, what is the [device name] humidity?”
  - “Alexa, what is the temperature of [device name]?” (Replace “[device name]” with the name you assigned to the sensor in the app).

Documents / Resources

	gosund ST18 Zigbee Temperature and Humidity Sensor [pdf] User Manual ST18, ST18 Zigbee Temperature and Humidity Sensor, Zigbee Temperature and Humidity Sensor, Temperature and Humidity Sensor, Humidity Sensor

References

- User Manual

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gosund, Humidity Sensor, ST18, ST18 Zigbee Temperature and Humidity Sensor, Temperature and Humidity Sensor, Zigbee Temperature and Humidity Sensor

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