electriQ

User manual

Wi-Fi Smart Infrared Remote Controlled
Temperature & Humidity Sensor
SremoteTHSB

Thank you for choosing electriQ.
Please read this user manual before using the Wi-Fi Temperature &
Humidity Sensor and keep it safe for future reference.
Visit our page www.electriQ.co.uk for our entire range of electricals.

Welcome to electriꞯ

We hope you're happy with your new purchase.

We'd *love* to see how you're getting on.

If you share any snaps on your socials,
make sure you tag us and use our hashtag.

@electriQUK
#electriQUK

We're here to help

Got a question or need help?

Get in touch with our friendly customer service team.

0330 390 3061
support@electriQ.co.uk
Mon - Fri | 9am to 5pm

Unit 2A, Trident Business Park, Neptune Way,
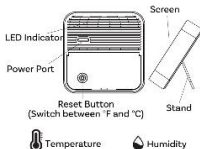Leeds Road, Huddersfield, HD2 1UA

CONTENTS

SAFETY INFORMATION

Please read the following safety information carefully before using the device.

- This product has been designed and manufactured in accordance with the applicable safety standards, including EN IEC 62311:2020 and EN IEC 62368-1:2020+A11:2020, ensuring that human exposure to electromagnetic fields (EMF) and general electrical safety remain within safe limits during normal use.
- The product complies with EN IEC 62311:2020 requirements regarding the safe exposure of humans to electromagnetic fields (EMF).
- This device contains a Wi-Fi transmitter operating in the 2.4GHz band (IEEE 802.11 b/g/n) with low output power.
- **WARNING:** Only use the product with a certified 5V, 1.0A USB power source. Using an incompatible power source may cause damage or fire.
- Always use the device as specified in this manual.
- Keep a minimum distance of at least 20 cm between the device and any person during placement, network configuration, and operation involving active data transmission.
- **WARNING:** Avoid prolonged direct contact with the device, especially near the head or body.
- Do not modify or disassemble the device, as this may affect EMF compliance and void the warranty.
- For indoor and sheltered outdoor use only.

- Avoid prolonged exposure to direct sunlight, rain, or extreme weather conditions.
- Install the device securely on a wall, door, or flat surface as described in this manual.
- Keep the device away from heat sources, high humidity, and strong magnetic fields.
- Ensure good Wi-Fi network connectivity to minimise power consumption and maximise performance.
- Clean the device with a soft, dry cloth.
- **WARNING:** Do not use solvents, chemicals, or abrasive materials.
- Handle with care. Product contains sensitive components. Do not drop or subject to strong impact.
- **WARNING:** Avoid inserting any foreign objects into the device's ports or openings.
- This product contains electrical components and should not be disposed of with household waste.
- Dispose of the product in accordance with local laws for electronic waste.
- This is not a toy. Keep out of reach of children and pets.
- This product is intended for residential and light commercial environments only.
- Do not submerge in water for cleaning. If the product gets wet, please dry it immediately.

PRODUCT OVERVIEW

Screen

LED Indicator

Power Port

Reset Button
(Switch between °F and °C)

Stand

Temperature   Humidity

NOTE: Diagrams are for illustrational purposes only.

STARTING UP THE SENSOR

Connect the device to a USB power source using a Type-C cable.
Once powered, the indicator LED will turn on, and the device will
be ready for setup or operation.

IMPORTANT: ONLY USE A 5V, 1A POWER ADAPTER TO SUPPLY
POWER TO THE UNIT.

BEFORE SETTING UP YOUR DEVICE

Ensure the following is checked:
Your smartphone is connected to a 2.4GHz Wi-Fi network.
Your smartphone is running Android 4.4 or above, or iOS 8.0 or
above.

If the number of devices connected to your Wi-Fi router has reached its limit, try disconnecting a device to free up a channel, or use a different Wi-Fi router.

Ensure the sensor placement is within the network range of your Wi-Fi router.

SETTING UP THE WI-FI (2.4GHZ CONNECTION)

NOTE: If you are unsure about your router settings, contact your **internet provider** for assistance.

To connect the unit via Wi-Fi, ensure your router supports **dual-band Wi-Fi** (2.4GHz and 5GHz) and that the 2.4GHz band is available. You can check this in one of the following ways:

1. **If your router already has a 2.4GHz network**, temporarily disable the 5GHz band while setting up the unit. You may re-enable it after setup.
2. **If your router does not have a separate 2.4GHz network**, enable it through your router settings:
- Open a web browser and enter your router's **IP address** (found on the back of your router).
- Login to your router settings and look for Wi-Fi or network settings.
- Follow your provider's instructions to enable 2.4GHz Wi-Fi.
3. **Alternatively, contact your internet provider** to assist with enabling 2.4GHz Wi-Fi.

Once the 2.4GHz network is enabled, connect your phone to it before setting up the unit.

SETTING UP THE APP

Use your smartphone to scan the QR code, or search for the "Smart Life" app in the Google Play Store or APP Store to download and install.
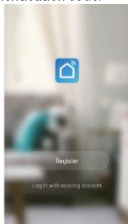
2. Create an account with your mobile number and authentication code.

←

Register

UK +44   ›

Mobile number/e-mail address

Get authentication code

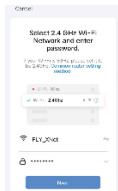☑ I agree Service Agreement and Privacy Policy

3. Connect your mobile to your Wi-Fi router, click "+" at the upper right corner of homepage or click "Add Device".

CONNECTING VIA BLUETOOTH

The app will advise you to turn on the Bluetooth on your mobile, and make sure the indicator is blinking quickly, it will search for the device add it automatically.
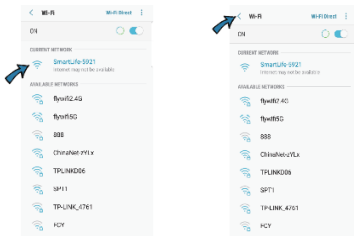
CONNECTING VIA WI-FI

Select "Temperature and Humidity Sensor (BLE + Wi-Fi)" from "Sensors". Select "Blink Quickly", make sure the LED light is blinking quickly, if not, hold the reset button for about 5 seconds till the indicator is blinking fast.

You can also select 'Blink Slowly'. Make sure the LED indicator is blinking slowly. If it is not, press and hold the reset button for about 5 seconds until the indicator starts blinking slowly.

Connect your mobile device to the device's hotspot: "SmartLife-XXXX". Then, return to the app interface. The device will automatically connect to your Wi-Fi router, and the configuration will be completed.

NOTE: Temperature and humidity readings stabilize approximately 30 minutes after Wi-Fi setup. Accurate values depend on the surrounding environment.

NOTE: Press the reset button once to toggle temperature units between ℃ and ℉. This change affects only the display—app readings remain unchanged.

PLACEMENT

After completing the network configuration, you can then:

Place the device in a central, unobstructed area within the same room as the appliances you want to control.

Ensure the front IR sensor faces the appliances for optimal signal transmission.

Avoid placing the device near reflective surfaces, direct sunlight, or behind obstacles like furniture.

Keep away from heat sources, moisture, and high electromagnetic interference (e.g., microwave ovens or routers).

For accurate temperature and humidity readings, place it at least 1 meter above the ground and away from vents or fans.
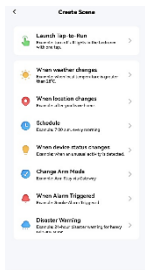
FUNCTIONS

SMART SCENES

Smart Scenes is a powerful tool that allows the user to customise the operation of the temperature and humidity sensor based on conditions within the room and outside influences. This gives the user the option of specifying much more intelligent actions. These are split into two categories: Scene and Automation.

SCENE

The scene allows for adding a one-touch button to the Home Screen. The button can be used to change several settings in one go and all the unit settings. Several scenes can easily be set up, allowing the user to change between several pre-set configurations easily.

AUTOMATION

Automation allows an automatic action to be set up for the device. This can be triggered by the Time and various other influences, depending on what other Smart Life-enabled devices you have on the network.

SETTING UP A SCENE / AUTOMATION

1. Press the **Scene** button at the bottom of the home screen.
2. Press the **Create Scene** button or the **+** icon at the top right corner.
3. Select a scene or automation based on the several options available: [S=Scene, A=Automation]
4. When creating a scene or automation (except for "Launch Tap-to-Run"), you'll need to set a precondition and define the action to be performed when that condition is met. Actions can include switching an appliance on or off, adjusting the temperature, changing the operating mode, enabling or disabling the child lock (if available), activating another scene, sending a notification, or adding a delayed action. You will also need to select the specific appliance the scene will control.
   NOTE: The "more settings" button allows you to customise the icon for the scene or automation and the room to which you would like this to apply.
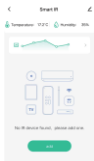5. Once you have the precondition (If), the function to perform for the selected appliance (Then), and your preferential settings, press the save button, name your Scene or Automation, and confirm.
   NOTE: Some functions and features under Smart Scenes and Automation may not be available. The application is subject to continual improvement and development.
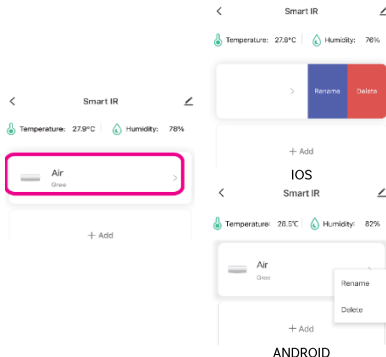
S	Launch Tap-to-Run	Manually activate a scene with one tap.
A	When the Weather Changes	Trigger actions based on temperature, humidity, or weather (e.g. rain, snow).
A	When Location Changes	Automate devices when arriving at or leaving a location.
A	Schedule	Run actions at specific times or days (e.g. 7:00 AM daily).
A	When the Device Status Changes	Trigger actions when another device changes state (e.g., the sensor turns on when the door opens).
A	Change Arm Mode	Automatically change security system mode (Arm, Disarm, Stay).
A	When Alarm Triggered	Activate actions when a device alarm goes off (e.g. smoke alarm).
A	Disaster Warning	Trigger scenes in response to government-issued weather alerts.

SETTING UP THE SMART IR REMOTE

1. Tap "Smart IR", then click "Add." Select the device and its brand that you want to control. Choose "Manual Mode" to begin button matching. Match at least three buttons to verify proper response from the device. If successful, the setup is complete and the device can now be controlled.

2. After adding the device, you can rename it if desired. On Android
    devices, long-press the device box and tap "Rename" when the
    option appears. On iOS devices, slide the device box to the left and
    select "Rename" to edit the name.

IOS

ANDROID

3. If the device's brand is not listed in the app's brand list, you can select the "DIY" option. This allows you to manually learn and program the buttons from another remote control, enabling you to control the device even if its brand is not officially supported.

4. To continue programming additional buttons, tap the "+" icon. When you're done, tap "Finish" to complete the setup.
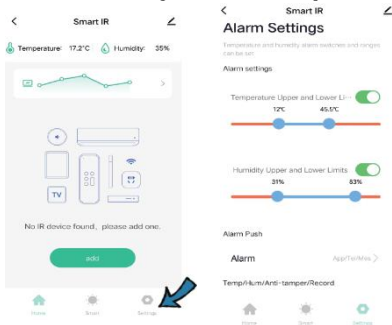   **NOTES:**
   The device only supports a 38 kHz IR frequency. If it cannot receive commands from another IR remote, it is likely that the remote uses a different frequency and is therefore incompatible with learning commands.
   DIY mode does not support voice control.

SETTING UP A TEMPERATURE & HUMIDITY ALARM

You can preset upper and lower limits for temperature and humidity in the Settings. The app will send an instant alert notification when the readings exceed the defined range.

PROFILE TAB

THIRD-PARTY SERVICES

Integrate your devices with voice assistants and automation services for hands-free control and smart scheduling.

Alexa / Google Assistant / SmartThings / IFTTT

These options let you link your Smart Life-compatible devices to third-party platforms for voice commands, routines, or advanced automation workflows.

HOME MANAGEMENT

Allows you to manage your Smart Life home environment.

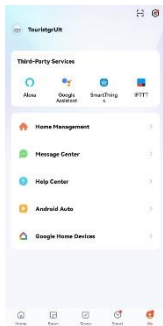Create and customise homes

Add or remove rooms

Share control of devices with family members or housemates

MESSAGE CENTER

Shows system and device notifications.

View alerts from smart devices (e.g., if an alarm is triggered)

See activity logs or system messages related to your setup

HELP CENTER

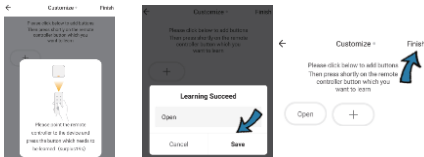Offers FAQs and basic troubleshooting support.

Browse frequently asked questions

Learn how to use features or solve common problems

Find contact options for support (depending on region)

CLEANING AND MAINTENANCE

To ensure the proper operation and longevity of your device, please follow the guidelines below:

CLEANING

- Always disconnect the device from the power supply before cleaning.
- Clean the outer surface of the device using a soft, dry cloth.
- Do not use water, cleaning sprays, solvents, alcohol, or abrasive cleaning agents, as these may damage the surface or internal components.
- Avoid allowing moisture to enter any openings or seams of the device.

MAINTENANCE

- Check the device periodically to ensure it is securely mounted and operating correctly.

- Keep the device away from heat sources, direct sunlight, and high humidity to avoid affecting the sensor's performance and lifespan
- Ensure the device remains free of dust or debris that could block air circulation around the temperature and humidity sensors.
- If the power cord needs to be replaced, only replace the USB power supply with one matching the original specifications: 5V, 1.0A.
- If the device will not be used for an extended period, disconnect it from the power supply and store it in a cool, dry, and safe location.

IMPORTANT!
Do not attempt to disassemble, repair, or modify the device, as this may result in damage and will void the warranty.
For any issues beyond regular cleaning, please contact customer support.

FAQ's
- Ensure your Wi-Fi network is stable—if the connection is poor, the device will repeatedly attempt to connect.
- Around 30 minutes after completing the Wi-Fi setup, the temperature and humidity readings will stabilise and more closely reflect the actual environment. For more accurate results, keep the sensor away from heat sources.
- As this is a low-power device, if no data is reported within 24 hours, the app will notify you that the device is offline.

- When the ambient temperature changes by at least 0.5℃ or the humidity changes by at least 5%, the temperature and humidity readings will update every 2 minutes.
- If the ambient temperature changes by less than 0.5℃ or the humidity changes by less than 5%, the readings will update once every hour.

WI-FI CONNECTION TROUBLESHOOTING (SMART LIFE APP)
If you experience difficulties connecting your device to the Smart Life app, refer to the table below for common issues and solutions.

ISSUE	POSSIBLE CAUSE	POSSIBLE SOLUTION
Device not found during setup	• Appliance is too far from the router. • Mobile phone is connected to a 5GHz network. • Wi-Fi interference or weak signal.	• Ensure your phone is connected to a 2.4GHz Wi-Fi network. • Place the appliance closer to the router during setup. • Restart your router and phone before retrying.

Wi-Fi indicator not blinking	• Device is not in pairing mode. • Incorrect pairing mode selected.	• Refer to the CONNECTING VIA BLUETOOTH / Wi-Fi sections for pairing and connection instructions.
Unable to connect to Wi-Fi	• Incorrect Wi-Fi password. • Router limitations or signal issues. • Check router settings	• Verify the Wi-Fi password is correct. • Avoid Wi-Fi names (SSID) with special characters. • Ensure your router is not using MAC filtering or firewall blocks. • Place the device closer to the router during setup. • Encryption should be WPA2-PSK, and the authorization type should be set to AES.

The device was added but did not respond in the app	• Connection was incomplete. • App lacks required permissions.	• Restart the Smart Life app and check if the device responds. • Ensure the app has access to **Bluetooth**, **Location**, and **Nearby Devices** in your phone's settings. • Remove and re-add the appliance if needed
Stuck during pairing	• Too many connection attempts in a short time. • Wi-Fi signal interruption.	• Wait at least 10 seconds before restarting the pairing process. • Power cycle the device before retrying.

Frequent disconnections	• Weak Wi-Fi signal. • Network instability.	• Move the router closer or use a Wi-Fi extender. • Keep the device away from thick walls or electronic interference (e.g., microwave ovens). • Ensure the router firmware is up to date.

WARNING: Do not attempt to open, disassemble, or modify the unit. Doing so may result in electric shock, damage to the appliance and voiding of the warranty.

If the above troubleshooting is unable to fix the issue, you may refer to your internet provider for issues concerning network connections and may find suitable fixes for Smart Life-related issues or queries on the link: https://support.tuya.com/en/help

If issues persist, please do not hesitate to contact customer service.

TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	SOLUTION
Device does not power on.	No power supply connected	Ensure the USB Type-C cable is securely connected to a power adapter or USB port with the correct power output.
The indicator light does not turn on.	Faulty cable or port	Try a different USB Type-C cable or power source. Check for loose connections.
IR control is not working.	Target device not compatible or IR signal blocked	Make sure the IR remote supports your appliance. Ensure there are no obstacles between the remote and the target device.
Temperature or humidity is not updating.	Sensor not initialised or software issue	Restart the device by unplugging and plugging it back in. Check for app updates or try re-pairing the device.
IR learning fails	Learning mode not properly entered, or signal not received	Ensure the IR learning process was started in the app and hold the original remote close to the IR sensor. Retry the process.

TECHNICAL SPECIFICATION

Dimensions	65*65*17mm
Wi-Fi Standard	2.4GHz only not compatible with 5GHz networks
Infrared Frequency	38KHz
Infrared Range	≤12 Meters
Temperature Measure Range	-20°C~ 60°C
Temperature Accuracy	+-1°C
Humidity Measure Range	0% RH~100% RH
Humidity Accuracy	-+5% RH

PSTI STATEMENT OF COMPLIANCE

Description: Wi-Fi Smart Infrared Remote Control with Temperature & Humidity Sensor
Model Number: SremoteTHSB
Manufacturer: ElectriQ, 2A Trident Business Park, Leeds Road, Huddersfield, HD2 1UA
PSTI Contact: TiSecurity@buyitdirect.co.uk

We have prepared this statement of compliance and can confirm that this product is compliant with the deemed compliance conditions in Schedule 2 of The Product Security and Telecommunications Infrastructure (Security Requirements for Relevant Connectable Products) Regulations 2023.

Duration of security updates: 09/30/2030. This date is correct at the time of printing, but we may extend it. Please visit www.electriQ.co.uk for the latest information and details of our PSTI compliance.

Richard Leach
Compliance and Quality Manager, Buy It Direct, Huddersfield
22nd September 2025

EU DECLARATION OF CONFORMITY

Hereby, ElectriQ declares that the Wi-Fi Temperature & Humidity Sensor is in compliance with Directive 2014/53/EU.
The full text of the EU Declaration of Conformity is available at the following internet addresses:

https://electriQ.co.uk/files/DOC/EU/SremoteTHSB.pdf

UK DECLARATION OF CONFORMITY

Hereby, ElectriQ declares that the Wi-Fi Temperature & Humidity Sensor is in compliance with the Radio Equipment Regulations 2017.
The full text of the EU Declaration of Conformity is available at the following internet addresses:

https://electriQ.co.uk/files/DOC/UK/SremoteTHSB.pdf

electriQ UK SUPPORT

Recycling facilities are now available for all customers, where they can deposit their old electrical products. Customers can take any old electrical equipment to participating sites run by their local councils. Please remember that this equipment will be further handled during the recycling process, so please be considerate when depositing your equipment. Please get in touch with the local council for details of your local household waste recycling centres.

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