



Linkstyle

AFRA II Outdoor
Soil Sensor
User Manual

Scan the QR code below for a digital manual, more details, guides, FAQs, and other product resources for this device



<https://linkstyle.life/afra2h>

If you need any support, don't hesitate to reach out to us at:

email: support@linkstyle.life
voicemail: 1-888-419-4888

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A. Notice Before Use

- Do not replace the batteries of this device when it is exposed to rain. Completely dry the device before opening the battery cover to prevent moisture from damaging its components.
- Insert the sensor chip all the way into the soil.
- Be sure to keep the sealing ring installed after replacing the battery to ensure adequate waterproofing.
- Do not rub or scrape the sensor surface on the ground or against any other surface to prevent damage to the circuit board.

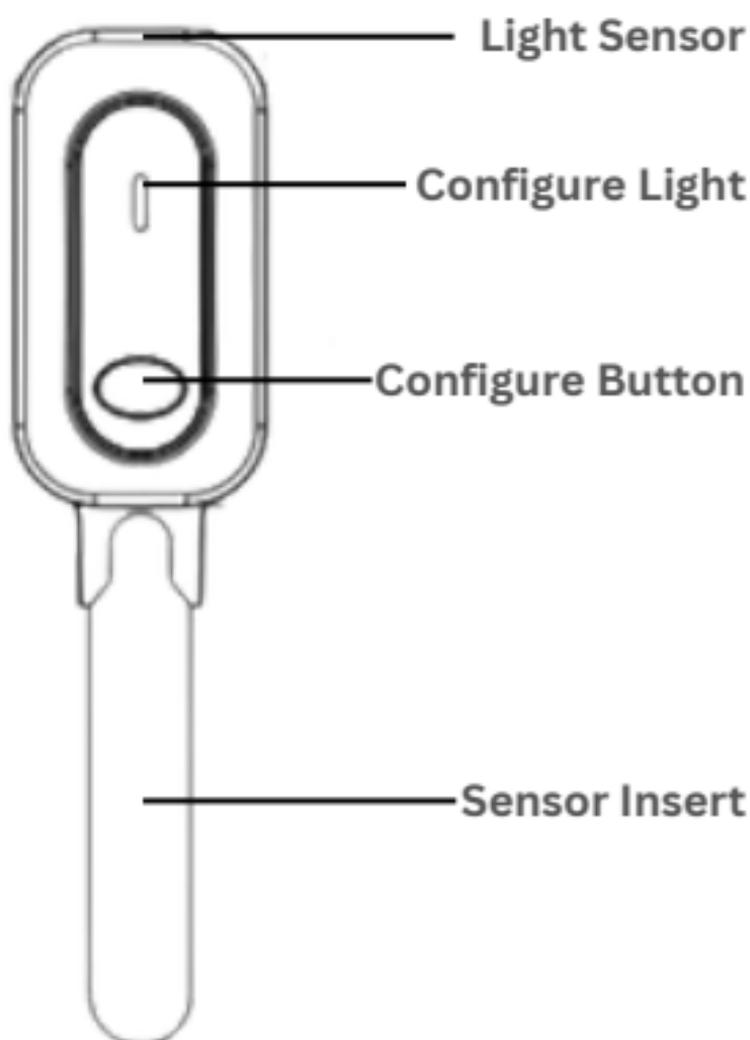
A. Notice Before Use (Continued)

- The data refresh rate of this device is fixed at 30 seconds. Push the Configure Button on the device to refresh it manually.
- When setting up this device with a Nexohub gateway, keep this device, the gateway, and the Wi-Fi router all within close proximity during the setup process.

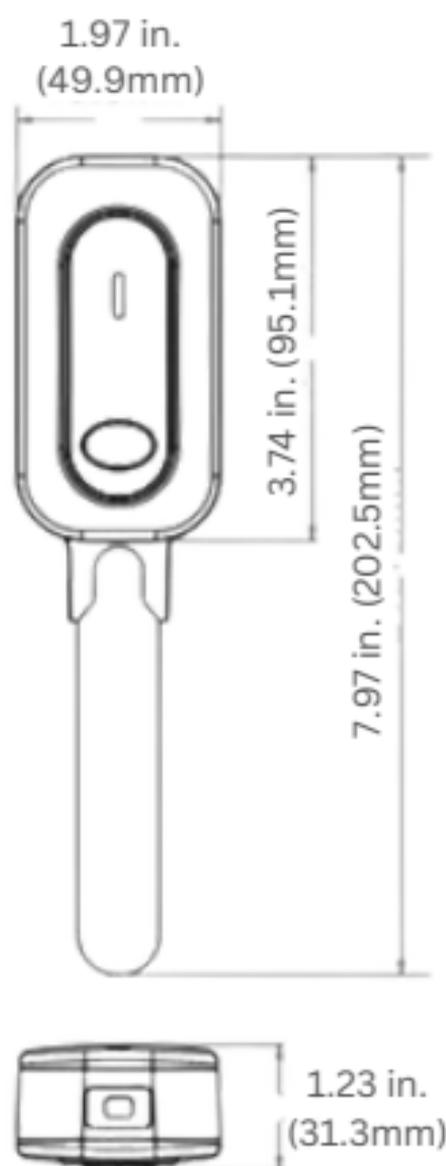
B. Product Overview

This device collects soil temperature, moisture, and ambient light data for the Linkstyle app. It connects to a Zigbee hub at a transmission rate of 250 Kbps.

After connecting it to the Linkstyle app, it regularly uploads temperature, moisture, and light data to the cloud app platform.

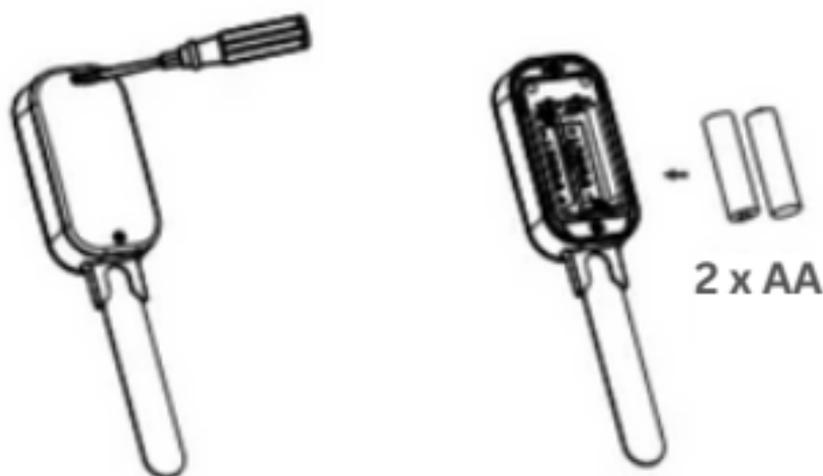


B. Product Overview (Continued)



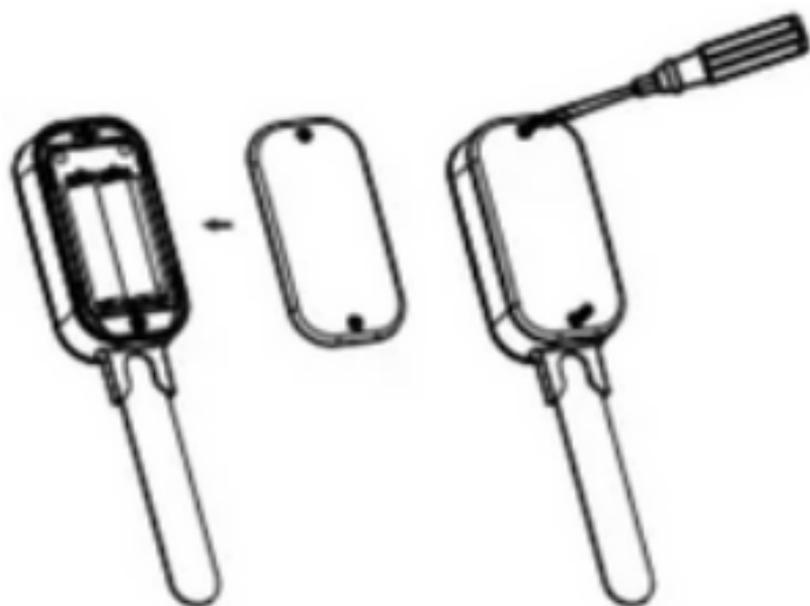
C. Setup & Installation

Install batteries



Unscrew the battery cover with a screwdriver.

Insert 2 x AA batteries, check that the polarities (+/-) are correctly aligned.



Reinstall the battery cover and tighten with screwdriver.

C. Setup & Installation (Continued)

Install the Linkstyle app

Scan the QR code below to download and install the Linkstyle app. Register a new account on the app if you do not have one.



*Alternatively, you can also search for "Linkstyle" on the Apple App Store or Google Play Store to find the app.

***Important Note:

When registering an account in the Linkstyle app, be sure to set the region to United States of America.



Register

United States of America

Email Address

I Agree [Privacy Policy](#) and [User Agreement](#)

C. Setup & Installation (Continued)

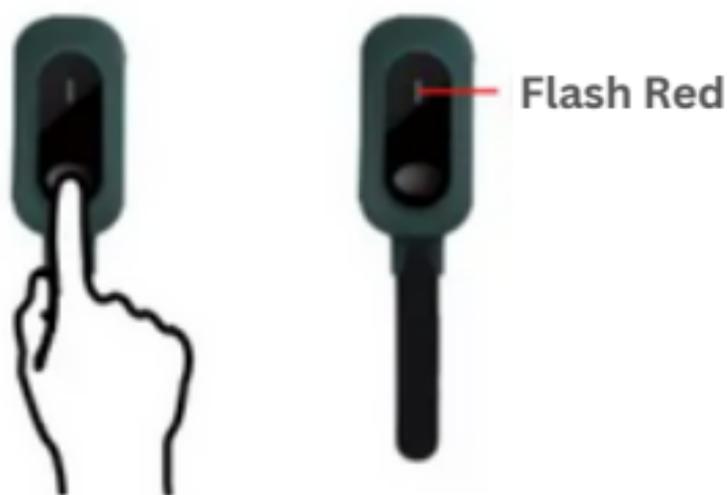
Add Nexohub gateway to Linkstyle app

Before adding the AFRA II Outdoor Soil Sensor to the Linkstyle app, be sure to add a Nexohub gateway to your 2.4GHz Wi-Fi network using the Linkstyle app.

See instruction manual for the Nexohub for this step.

Put the AFRA II soil sensor into pairing mode

Press and hold the Configure Button on the device for 5 seconds. Wait for the Configure Light to flash red.



C. Setup & Installation (Continued)

Add AFRA II Outdoor Soil Sensor to Linkstyle app

1. Keep the Wi-Fi router, Nexohub, and AFRA II soil sensor within close proximity during setup.
2. From the Devices page of the Linkstyle app, tap the Nexohub gateway device.
3. Select the "Zigbee devices list".
4. Tap "Add devices" on the bottom of the page.
5. The app will automatically discover nearby devices. Once you see the AFRA II soil sensor show up on screen, follow the on-screen instructions to finish adding the device.

C. Setup & Installation (Continued)

Deploy sensor to soil



Installation Tip:

The moisture probe should be fully inserted into the soil.

If the soil is too hard, please use a digging tool for assistance, do not force the PCB into the soil.



Phone

Control More

One Nexohub can control multiple AFRA soil sensors.



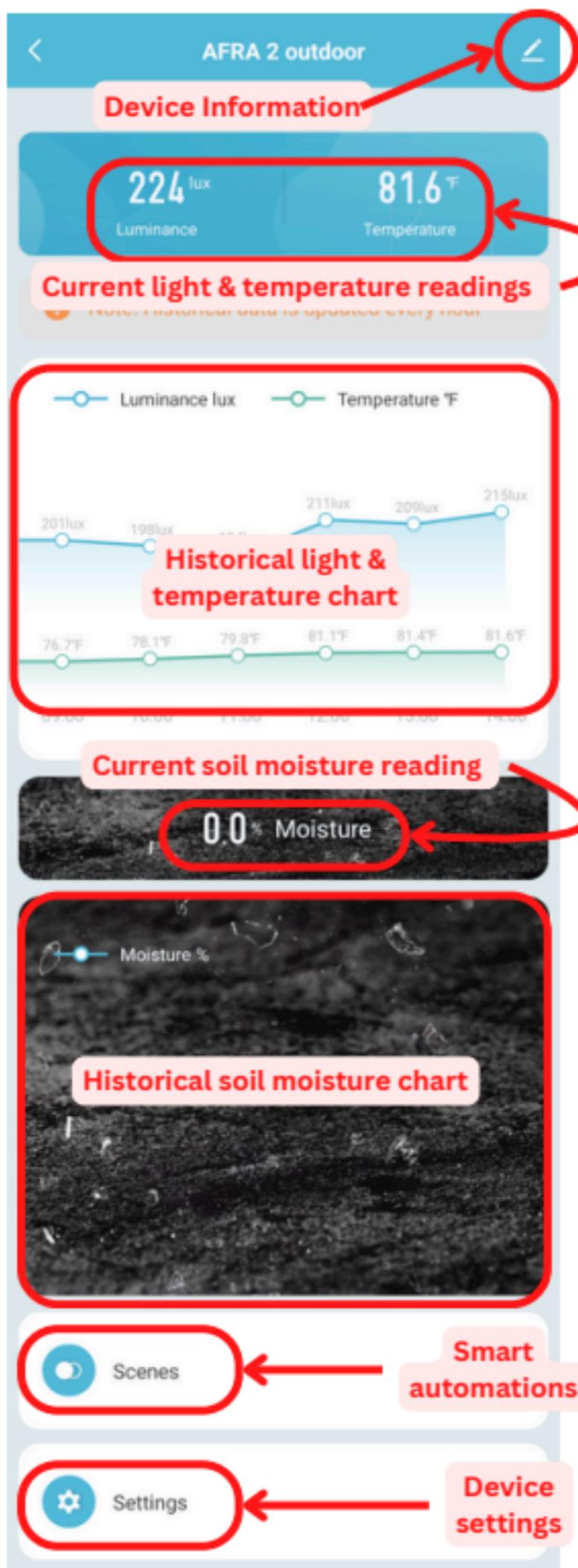
Router



Nexohub

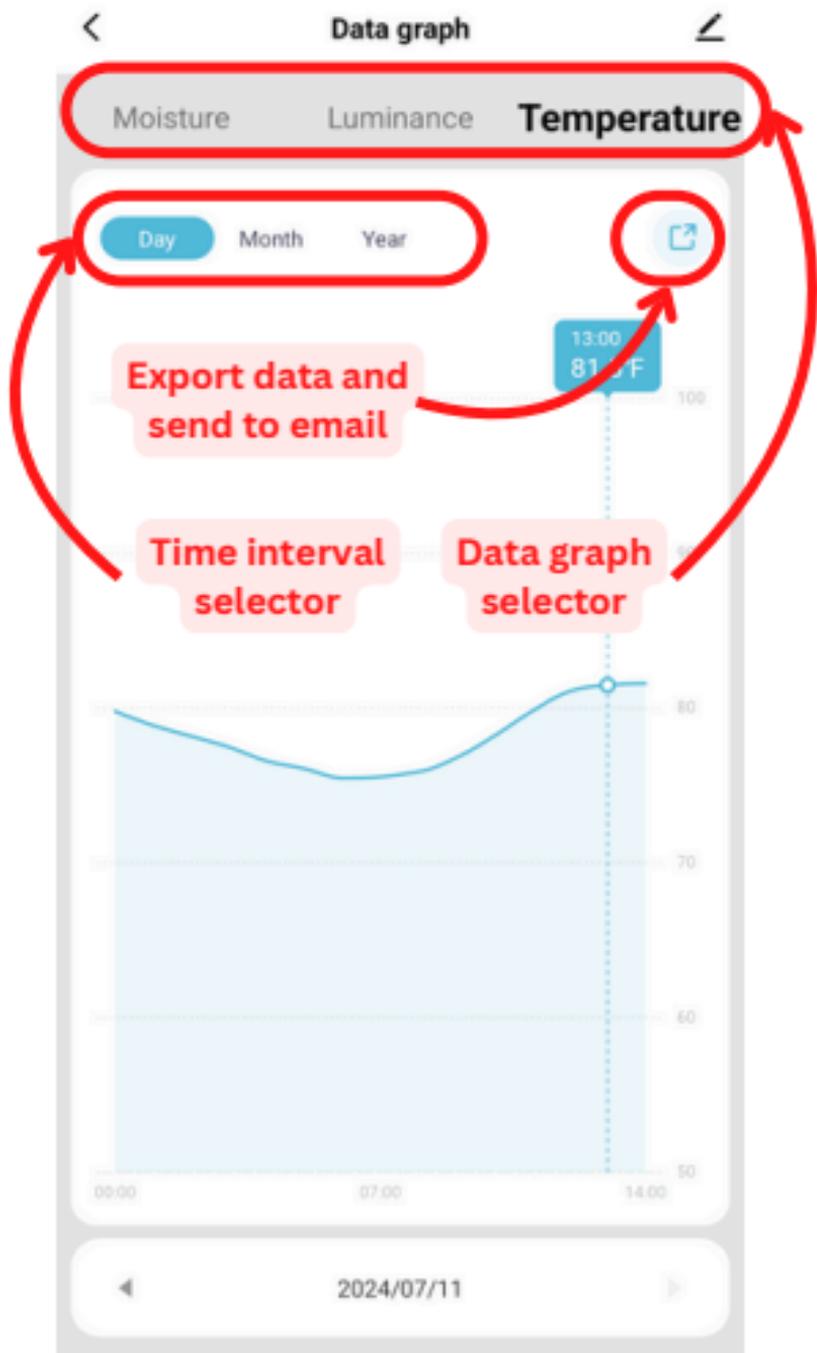


D. Operating Instructions



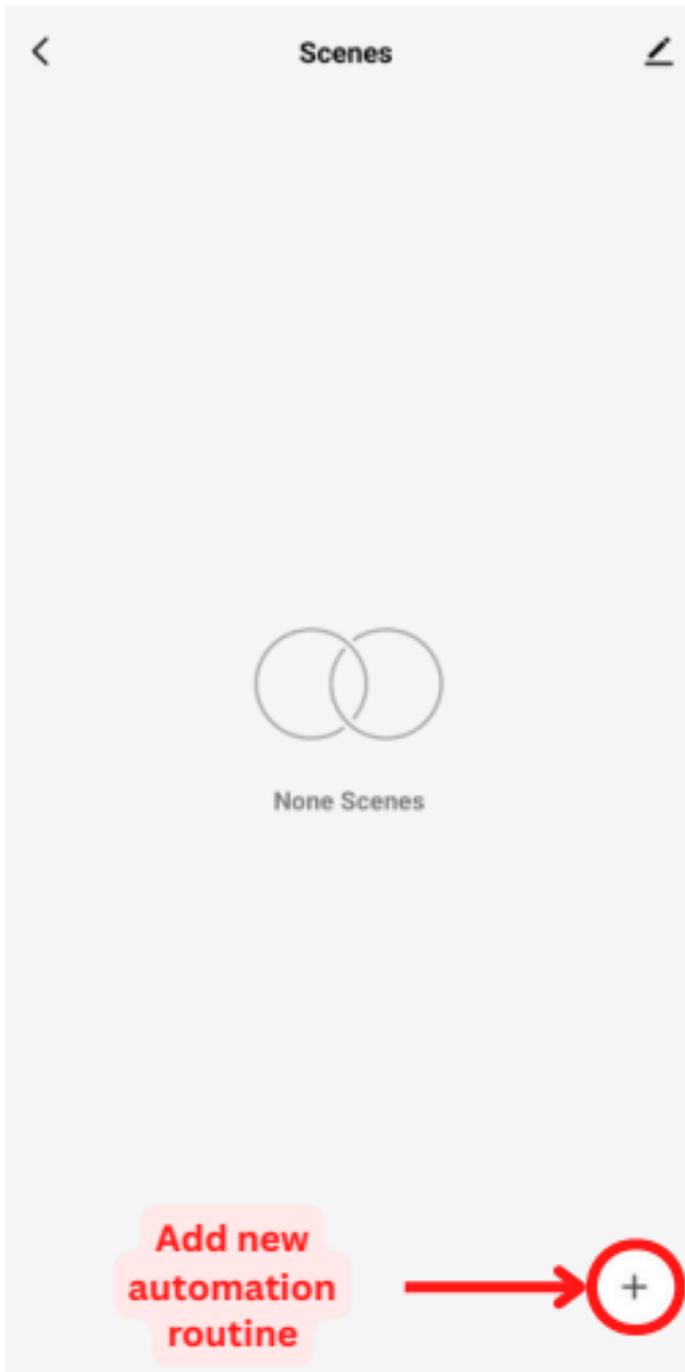
D. Operating Instructions (Continued)

Detailed Historical Data Graphs:
Tap current light, temperature, or moisture reading to access this view



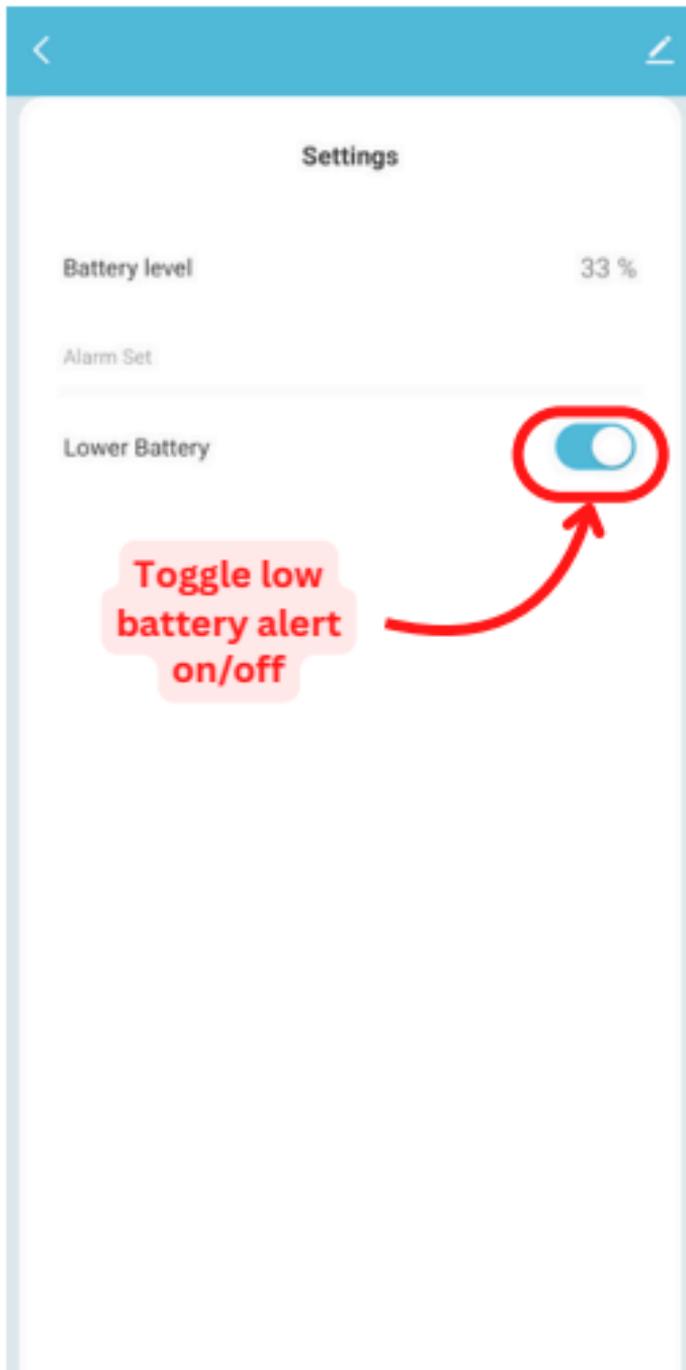
D. Operating Instructions (Continued)

Smart Automations Screen



D. Operating Instructions (Continued)

Device Settings Screen



E. Technical Specifications

Power Supply	2 x AA batteries
Battery Life	> 1 year
Working Frequency	2.4GHz
Transmission Distance	up to 492 ft. (150m)
Dimensions	1.96 x 1.23 x 7.97 inches (49.9 x 31.3 x 202.5 mm)
Temperature Range	-4°F to 185°F (-20°C to 85°C)
Temperature Precision	0.1°C
Moisture Range	0 - 100% RH
Moisture Precision	1%
Light Intensity	0 - 100,000 Lux
Low Temperature Alarm Threshold	≤ 5°F (-15°C)
Low Power Alarm Threshold	≤ 40%
Waterproof Rating	IP 67

Button Function

Press Configure Button to refresh data reporting.

Hold for 5 seconds to reset device in pairing mode.

LED Light

When device enters pairing mode, Configure Light will flash for 30 seconds
When device is paired successfully, Configure Light will light up for 1 second and turn off.

Configure Light will light up when data is reported

F. Warranty & Support

Thank you for choosing Linkstyle. We are dedicated to providing innovative and convenient products for an enhanced lifestyle. This Product Warranty Agreement ("Warranty") applies to items purchased directly from Linkstyle.

Warranty Duration:

All products sold by Linkstyle come with a standard one (1) year warranty from the date of purchase, unless stated otherwise.

Warranty Coverage:

During the warranty duration, Linkstyle assures that the product will be free from defects in materials and workmanship when used under regular conditions.

Exclusions:

This Warranty does not cover the following:

- Damages due to misuse, neglect, or deviation from user instructions.
- Damages from natural disasters such as floods, fires, or accidents.
- Unauthorized repairs, modifications, or disassembling.
- Cosmetic damages like scratches, dents, or broken parts.

F. Warranty & Support (Continued)

Filing a Warranty Claim:

- Reach out to Linkstyle Customer Support providing your proof of purchase, product details, and a comprehensive description of the issue.
- Our team will evaluate the claim and, if required, provide return shipping instructions.
- If the product is confirmed defective, Linkstyle, at its discretion, will repair or replace the item.

Limitation of Liability:

Linkstyle's liability is strictly limited to the repair or replacement of the product. Under no circumstances will Linkstyle be liable for any indirect, incidental, or consequential damages. The total liability shall not exceed the original purchase price of the product.

F. Warranty & Support (Continued)

Warranty Transferability:

This Warranty is solely for the original purchaser and cannot be transferred.

Governing Law:

This Warranty is governed by the laws of the country/state of purchase.

Disclaimer:

Apart from what's stated here, no other express or implied warranties apply, including implied warranties of merchantability or suitability for a specific purpose.

For any queries or concerns regarding our products or this Warranty, reach out to us at support@linkstyle.life.

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