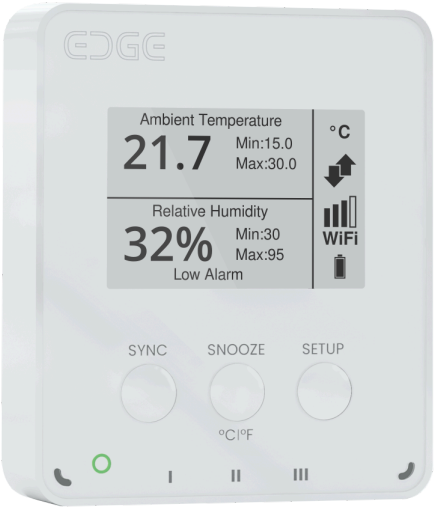
LOGGERFLEX
Data acquisition & Monitoring Solutions



USER MANUAL

EDGE Essential WiFi

Quick Start Guide & Device Reference

Part No. **EDWIES** WiFi BLE

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- Create Account & Register Device
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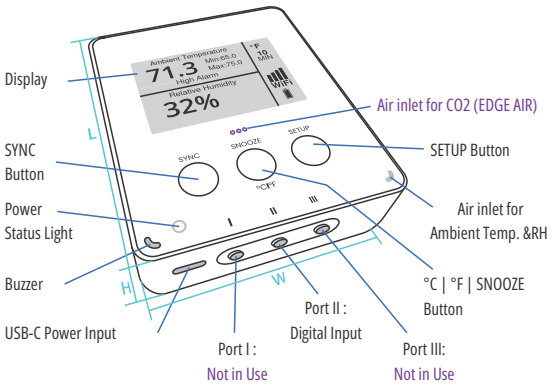
1 What's in the Box

- ✓ 1 × EDGE Data Logger
- ✓ 1 × Mounting sticker
- ✓ 4 × AA batteries (pre-installed)



Device Overview

2 Step-by-Step Setup Guide

Follow these instructions to register your device, get it connected to the internet, and understand its daily operation.

1 Create Account & Register Device

- Go to **app.LoggerFlex.com** or Scan the QR on the display.
- Create and verify your account.
- If using a mobile device, log in and scan the QR code on the device screen again to auto-fill the Serial Number and DUID, or enter them manually.

Why register first?

The system will guide you through step-by-step configuration (recording intervals, sync intervals, alarm thresholds) and ensure the device can successfully connect to the LoggerFlex cloud when it comes online.

2 Connect to the Internet

WiFi Connection

1. Press the SETUP button (right button).
2. Connect your phone/PC to the "Datalogger" WiFi network.
3. A setup page will open. (If not, navigate to 8.8.8.8 in your browser).
4. Choose your 2.4 GHz WiFi network and enter the password.

⚠ Important WiFi Requirements:

- Device must be registered before setup.
- WiFi password is case-sensitive.
- Only supports 2.4 GHz WiFi with a password (WPA2-Personal or WPA3-Personal; not Enterprise). Gets its IP address from the router (DHCP only; a static IP cannot be set).
- Cannot connect to networks requiring secondary login pages or captive portals.

3 Read Display & Ports

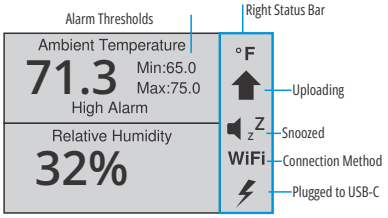
Port I & Port III (Not in Use)

These ports are disabled for EDGE Essential and EDGE Air models.

Port II (Digital Input)

Digital input for dry contact sources (not included), such as a door sensor, flood sensor, or external fridge alarm. Uses a 2-pole terminal to 3.5 mm (1/8 in) audio jack adapter.

The display updates at each recording interval (not between 2 readings). It pauses updates below 0°C (32°F) to preserve screen performance.



4 Buttons, Alarms & Daily Use

Button Functions

Left (SYNC): Instantly sends data to the cloud.

Middle (°C/°F/SNOOZE): Tap to toggle units. Tap during alarm to snooze buzzer. Hold for advanced metrics.

Right (SETUP): Activates WiFi hotspot for configuration.

Alarms & Notifications

Delivery: Email (Free), SMS, Phone Call, Audible Beep.

Triggers: High/Low limits, Mold risk, Port II contact closure, power loss/restoration.

Action: Alarms trigger an immediate upload. While the alarm lasts the device records every minute, uploads every hour and beeps once a minute; a return to range is reported within about 60 seconds.

Status Icons: Top to bottom: Measuring Unit, Recording Interval, BLE/Mute icon, Signal Strength, Connection Type, Battery Level.

Power: Runs on 4 × AA batteries or USB-C 5V. Device automatically switches based on availability.

BLE Support: Both models broadcast BLE for real-time local viewing. A LoggerFlex Gateway is required to capture BLE data, but is NOT required for standard logging and alarms (which use WiFi/Cellular).