LOGGERFLEX
Data acquisition & Monitoring Solutions



USER MANUAL

EDGE Thermo WiFi

Quick Start Guide & Device Reference

Part No. **EDWITR** WiFi BLE

Contents

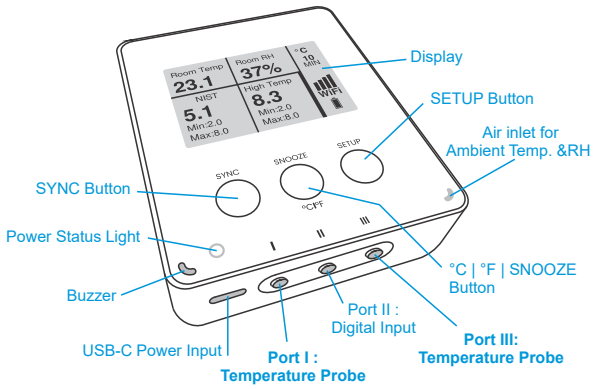
01 What's in the Box

02 Step-by-Step Setup Guide

- Create Account & Register Device
- Connect to the Internet
- Connect Probes & Read Display
- Buttons, Alarms & Daily Use

1 What's in the Box

- ✓ 1 × EDGE Data Logger
- ✓ 1 × Mounting sticker
- ✓ 1 × Probe(s)
- ✓ 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 Connect Probes & Read Display

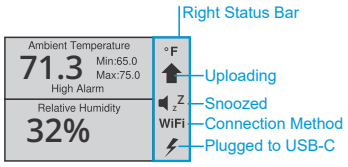
Port I & Port III (Temperature)

Plug in your external temperature probes here. The device auto-detects probe presence and updates the display accordingly. The device uses high-precision digital temperature sensors.

Port II (Digital Input)

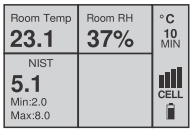
Digital input for dry contact sources (not included), such as a door sensor, flood sensor, or external fridge alarm. Uses a 2-pole terminal to 3.5 mm (1/8 in) audio jack adapter.

The display dynamically changes based on how many probes are connected:



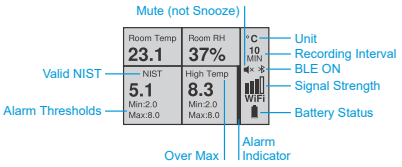
No Probes

Displays internal metrics depending on the device model.



One Probe

Displays the connected probe reading prominently.



Both Probes

Splits the screen to show both readings simultaneously.

The display updates at each recording interval and 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).