QUICK START 1 OF 2

Get Flare online

Connect once, then tap the Hub for your local dashboard.

START HERE

Connect to your Wi-Fi

Flare runs locally on your home network. You need a 2.4 GHz Wi-Fi connection for setup.

1

Power on the Flare Hub

Connect the supplied USB-C power. If no usable Wi-Fi network is saved, the Hub opens its own setup network.

2

Join the Flare setup network

On a phone, tablet or computer, join the network starting **FLARE-Setup-**. The setup page should open automatically.

3

Select your home Wi-Fi

Choose your 2.4 GHz network, enter the password, then tap **Test & connect Flare**. Details are saved only after a successful test.

4

Return to your home network

Reconnect your phone to your normal Wi-Fi. Your Hub has a permanent local **http://flare-...local/** address, shown on its setup page.

Tap the Hub to open Flare

Tap the built-in NFC point with your smartphone while connected to the same local network. NFC opens the **local** dashboard, not Remote Viewing.

WHAT THE LIGHT MEANS

Normal

A gentle flame-style glow means the Hub is running.

Wi-Fi setup

Steady blue means the Hub is waiting for Wi-Fi setup.

Sensor scan

Blue/white pulsing means Bluetooth discovery is running.

Lost connection

A red pulse can indicate Wi-Fi connection has been lost.

QUICK START 2 OF 2

Build your first dashboard

Add sensors, create an enclosure and confirm readings.

SETUP

Create your first enclosure

Open **Manage** from the local dashboard and follow these steps.

1

Add a compatible thermometer

Go to **Manage > Sensors > + Add New Sensor**. Put a supported thermometer close to the Hub, tap **Scan For Sensor**, then choose and name it.

2

Create a species profile (optional)

Go to **Manage > Species > + New**. Set the ranges you want Flare to monitor; enable different night ranges only if needed.

3

Create an enclosure

Go to **Manage > Enclosures > + New**. Name it, select **Single Sensor** or **Dual Sensor - Warm and Cool**, choose a profile and assign sensors.

4

Check the readings

Return to the dashboard. Open an enclosure card to see its current readings, battery and signal, bulb information and **Temp History**.

Supported sensor models in this release

Automatic discovery supports **Xiaomi LYWSD03MMC** and **ThermoPro TP350 / TP350S**. Other ThermoPro models should not be assumed compatible.

Optional: Remote Viewing

If included with your Hub, go to **Manage > Flare Hub > Remote Access** and choose **Enable Remote Access**.

Keep heating control separate

Flare monitors conditions. Keep independent thermostats, heating controls and other safety equipment in place.

EVERYDAY USE

Dashboard & alerts

Read live conditions and understand why an enclosure needs attention.

AT A GLANCE

What your enclosure card shows

Dual Sensor

Shows **Warm Side** and **Cool Side** readings. The card includes the warm daily high and cool daily low.

Single Sensor

One full-width sensor view shows temperature, humidity and **both daily high and daily low**.

Status pill / Explain My Alert

Tap a status label to read a plain-language explanation and suggested checks. It never controls the heating.

Tap the enclosure

Opens current readings, range context, battery, signal, fitted bulbs and quick actions such as **Temp History**.

STATUS COLOURS - MATCHING THE FLARE DASHBOARD

Ok

Green: no applicable monitored limits are out of range.

Check

Amber: **one** monitored condition is out of range.

Alert

Red: **two or more** monitored conditions are out of range.

Stale / No Data

Grey: a sensor is not reporting recently, or a usable reading is unavailable.

No Range / Muted

Grey: no active monitoring limits are set, or alerts are muted.

Warming / Cooling

Violet: in a lights-change transition; relevant temperature warnings may be held back.

Humidity still matters during temperature transitions

Only applicable **temperature** warnings are held back during Warming / Cooling. Humidity can still trigger **Check** or **Alert**. Missing data is shown in **grey**, not red.

MANAGE

Enclosures & bulb tracking

Use one sensor or a warm/cool layout, and track fitted bulb age.

Enclosures | Sensors | Species | Settings | Temperature History | Flare Hub

CREATE & EDIT

One enclosure = one dashboard card

1

Name the enclosure

Tap + **New** and enter a short, recognisable name.

2

Choose a species profile

Pick an existing profile or **No Species / No Ranges**. The profile determines which conditions Flare judges.

3

Choose your sensor configuration

Select **Single Sensor** (one sensor) or **Dual Sensor - Warm and Cool**. Assign Warm/Cool sensors and, if needed, additional Other slots.

4

Add bulbs and fitted dates (optional)

Under **Bulbs & Fitted Dates**, tap **+ Add Bulb**, select **Basking**, **UVB** or **LED**, and enter the date fitted.

Bulb ages are visible in enclosure details

Flare shows fitted dates and the number of **days old**. This is a record of age, not a measurement of UV output, bulb performance or remaining life.

MANAGE AN EXISTING ENCLOSURE

Edit / Reorder

Rename, swap sensors, update the profile and adjust the order of cards using Up / Down.

Mute / Delete

Mute pauses alerts and excludes it from Compare. Deleting an enclosure keeps its sensors but also clears that enclosure’s stored history.

MANAGE

Sensors

Automatically discover, name and manage compatible Bluetooth thermometers.

Enclosures | **Sensors** | Species | Settings | Temperature History | Flare Hub

ADD A SENSOR

No manual pairing or MAC address entry required

1

Bring the new sensor close

Wake or power on the new thermometer and place it near the Flare Hub. Existing configured sensors are ignored during discovery.

2

Start discovery

Go to **Manage > Sensors > + Add New Sensor > Scan For Sensor**. The Hub glows blue/white during the scan.

3

Choose and name the sensor

Select the sensor Flare verifies it can read; give it a meaningful name such as **Pascal Warm**.

4

Assign now or later

Optionally assign it to an enclosure and position. Or save it without an enclosure and assign it later.

Confirmed automatic discovery

Xiaomi LYWSD03MMC and **ThermoPro TP350 / TP350S** are the supported sensor families identified in this release. Different models may not use the same Bluetooth data format.

AFTER SETUP

Rename / Reorder

Change the display name or rearrange sensors without changing the physical sensor identity.

Delete

Removing a sensor also removes its enclosure assignment. Previously stored temperature history is preserved.

No recent signal

Check its battery, distance from the Hub, nearby obstructions and that it is awake.

Weak signal

A low signal reading is a useful warning; **Stale / No Data** means current readings are missing.

MANAGE

Species & ranges

Set your own monitoring limits for each enclosure.

Enclosures | Sensors | **Species** | Settings | Temperature History | Flare Hub

MONITORING PROFILES

A reusable set of targets

Name	A profile label you can assign to one or more enclosures.
Warm Side Temperature	Daytime minimum and maximum temperature; also used for **Single Sensor** temperature monitoring.
Cool Side Temperature	Minimum and maximum for the Cool Side of a dual-sensor enclosure.
Humidity	Minimum and maximum relative humidity used by the enclosure.

DAY, NIGHT AND TRANSITIONS

Day ranges

Used during **Daytime Hours - Heat On** as configured under Settings.

Different Ranges At Night

Optional separate warm, cool and humidity ranges outside the daytime window.

Warming / Cooling

Configured transition periods temporarily suppress applicable temperature warnings, not humidity.

Leave a limit Off

An unset limit is not monitored. Enter appropriate targets for the animal and the sensor placement.

Single Sensor uses the Warm Side range

For an enclosure set to **Single Sensor**, Flare uses the selected species profile's Warm Side limits for **Temperature**. The day/night schedule and humidity limits still apply.

Use husbandry targets you have independently verified

Flare is a monitoring aid, not a source of species-specific care advice. Choose suitable limits for the animal, enclosure and sensor position.

MANAGE

Settings

Personalise the display and the way monitoring responds to your lighting schedule.

DISPLAY

Make Flare comfortable to use

Temperature Unit	Choose degrees Celsius or Fahrenheit for the dashboard and history.
Welcome Name	Optional name in the dashboard greeting.
Mobile Auto-Scroll	On phones, slowly cycles through cards when enabled. Touching/scrolling pauses it; Reduce Motion can override it.

MONITORING

Mark Sensor Stale After	How long Flare waits without a usable reading before displaying **Stale**.
Low-Battery Warning Below	Battery percentage at which Flare shows a low-battery warning.

DAY / NIGHT SCHEDULE

Daytime Hours - Heat On	Enter **From** and **To** times. Day targets apply inside the window; night targets apply outside it.
Transition After Lights On	Grace period after the start of daytime, for temperature alerts.
Transition After Lights Off	Grace period after the end of daytime, for temperature alerts.

Why the lighting schedule matters

Lights On and Lights Off also appear as markers on the 24-hour temperature chart, helping you interpret changes in the enclosure.

MANAGE

Temperature history

Review recent readings, longer-term patterns and relative enclosure differences.

24 HOURS

The default view

Temperature & humidity

The 24-hour chart shows recorded warm/cool lines or the single-sensor readings as appropriate.

Lights markers

Vertical markers show the configured lights-on and lights-off times. Tap chart points to inspect values.

7, 30 AND 90 DAYS

Chart

Shows daily low-to-high temperature ranges. Longer views reveal overall patterns.

Log

Switch to **Log** in a 7-, 30- or 90-day view for stored daily values.

Previous / Next

Move straight between enclosure histories without leaving the history screen.

Clear History

Deletes temperature history for that enclosure. This cannot be undone.

COMPARE ENCLOSURES

Dual-sensor comparison

Uses matching recorded hourly periods to compare Warm Side and Cool Side readings.

Single-sensor enclosures

Shows their temperature and humidity averages **separately**, not mixed with warm/cool comparisons.

Comparison is not a care target

Muted enclosures and missing hourly periods are excluded from matched comparisons. History is stored on the Hub and remains available without Remote Viewing.

FLARE HUB

Identity & health

Know which Hub you have, and where to look if something goes wrong.

Enclosures | Sensors | Species | Settings | Temperature History | Flare Hub

HUB IDENTITY

The address stays with this physical Hub

Hub Name	A friendly label (for example, Reptile Room). Renaming does **not** change the permanent local address.
Local Address	The Hub's unique HTTP dashboard address, beginning **http://flare-** and ending **.local/**.
Setup Wi-Fi	The unique **FLARE-Setup-** network used when Wi-Fi setup is needed.
Open / Copy Address	Use the Hub controls to open the local dashboard or copy its address.

FLARE HUB HEALTH

Software / Hub / Storage

Current software version and hardware or persistent-storage health.

Wi-Fi / Local access

Wireless strength and whether local HTTP and network discovery are healthy.

Sensors / Remote

Number of configured sensors reporting, plus Remote status if included.

Last reboot

Shows time since the last Hub restart.

Download Diagnostic Report

This report helps support investigate problems. The source indicates it excludes Wi-Fi credentials and SSID, sensor identifiers, enclosure names, Hub identity, private Remote links and cloud credentials.

Automatic recovery is built in

Flare monitors local HTTP and network-discovery health and can attempt automatic recovery after connection faults. If access fails, check the Hub's power and Wi-Fi first.

FLARE

FLARE HUB

Remote Access

Optional read-only monitoring when away from home.

Enclosures | Sensors | Species | Settings | Temperature History | Flare Hub

LOCAL FIRST

Remote does not replace the Hub dashboard

NFC opens the local dashboard. Remote Access uses a separate private HTTPS link and sends read-only snapshots roughly once a minute.

1

Enable Remote Access (if included)

Go to **Manage > Flare Hub > Remote Access** and tap **Enable Remote Access**. Commercial units may already be enrolled before dispatch.

2

Open the Remote Dashboard

Tap **Open Remote Dashboard**. Use mobile data or another network to confirm that remote viewing works away from the Hub.

3

Share or save the private link only if needed

Use **Copy to Clipboard**. Anyone who has the link can view the dashboard, so treat it as confidential.

WHAT THE CONTROLS DO

Sync Now

Requests a fresh snapshot immediately rather than waiting for the next automatic upload.

Regenerate Link

Creates a new private link. Previous copies of the link stop working.

Disable Remote Access

Stops Remote Viewing; local monitoring and history continue.

Subscription Required

Remote entitlement is inactive; local access remains available. Flare checks again when eligible.

What the customer can do remotely

Remote Viewing shows monitoring information only. Configuration, sensor setup and changes to limits remain in the local dashboard.

FLARE HUB

Updates, backup & recovery

Keep Flare current without losing your normal setup.

SOFTWARE UPDATES

Install an official signed .flare update

1

Choose Update File

In **Manage > Flare Hub > Software Update**, select the official **.flare** file supplied with the new release.

2

Install Update

Tap **Install Update** and confirm. Leave power connected until the Hub restarts and the dashboard reconnects.

Normal software updates keep your setup

The signed-update process is designed to retain Wi-Fi details, sensors, enclosure configuration and local temperature history.

CONFIGURATION AND DATA

Export Configuration

Download a backup of sensors, enclosure mappings, bulb dates, species/ranges and Flare settings.

Restore Configuration

Replace those configured items from a saved backup. Wi-Fi credentials and temperature history are not restored.

Repair Stored Configuration

Appears only when Flare is running from a recovered configuration. Repair it only after checking it is correct.

Restart Flare Hub

Restarts the software; monitoring pauses briefly during the restart.

Destructive action - Reset Flare Data permanently removes local data

This destructive action removes history, sensors, enclosures, species profiles and Flare settings. Wi-Fi remains. Export configuration first if you need it.

HELP & HANDOVER

Getting started again

Straightforward checks for Wi-Fi, NFC and moving the Hub to a new home.

WHEN YOU MOVE THE HUB

Connecting to a different Wi-Fi network

1

Power up in its new location

Connect Flare to power. It first tries the saved Wi-Fi; if that network is unavailable, it starts its unique **FLARE-Setup-** network.

2

Join the setup network

On the customer's phone, join **FLARE-Setup-**, select their **2.4 GHz** home Wi-Fi and tap **Test & connect Flare**.

3

Reconnect to the home network

Rejoin the normal Wi-Fi, then tap the Hub NFC point to open its local dashboard. The Hub's unique local address does not change.

If tapping NFC does not open Flare

Confirm the phone and Hub are on the same local Wi-Fi. Manually enter the Hub's **http://flare-...local/** address. The local dashboard uses **HTTP**, not HTTPS. An incorrectly written NFC URL may fail.

BEFORE SEEKING SUPPORT

Sensor not updating

Check battery, Bluetooth range and that the sensor remains configured. Inspect **Stale / No Data**.

Dashboard offline

Check power, Wi-Fi and the **Flare Hub Health** section when access returns.

Remote link not working

Confirm Remote is enabled and entitled; try **Sync Now** and check the link has not been regenerated.

Warnings look unexpected

Tap **Explain My Alert** and review monitoring ranges, sensor position and day/night schedule.

Safety reminder

Flare helps you monitor conditions but does not replace a thermostat, independent checks or suitable species-specific husbandry.