

Kennel Care — Sensor & WiFi Setup Guide
Connecting a new sensor to your WiFi, step by step
ATC Dynamic

Before You Start

You will need:

- Your sensor, with its USB cable
- A USB power source (a plug adapter or any spare USB port)
- Your WiFi network name and password
- A phone, tablet, or computer to do the setup

Important — WiFi requirements: Kennel Care sensors need a **2.4GHz WiFi network with a working internet connection**.

This is a cloud-based system, so the sensor talks directly to the internet — it will not work on a network with no internet access, and it cannot connect to a 5GHz-only network. Most home and business routers broadcast both 2.4GHz and 5GHz — if you're not sure which one you're connecting to, check your router's settings, or look for a network name ending in something like "-2.4" or "-2G". If you only have one WiFi name and aren't sure, try it first — the sensor will simply fail to connect if it's the wrong band, and you can try again.

Step 1 — Plug in the sensor

Connect the USB cable to the sensor and into a power source. The screen will light up.

If this is a brand new, unconfigured sensor, it will automatically go into **Setup Mode** — you'll see this on the screen:

**** SETUP MODE ****

Connect to WiFi:

DogSensor-XXXX

Open browser:

192.168.4.1

No password

The last four characters of the network name are unique to your sensor — yours will show different letters/numbers.

Step 2 — Connect your phone or computer to the sensor's WiFi

On the device you're using to set it up, open WiFi settings and look for the network name shown on the sensor's screen (e.g. **DogSensor-D07C**). Tap to connect — there is no password.

iPhone: Settings → WiFi → tap the DogSensor-XXXX network

Android: Settings → WiFi → tap the DogSensor-XXXX network — choose "Stay Connected" or "Keep this connection" if asked

Windows / Mac: Click the WiFi icon in your taskbar or menu bar → select the DogSensor-XXXX network

Your device may warn "No internet connection" when you connect — this is expected, tap Yes / Stay Connected / Connect Anyway. The sensor's setup page should open automatically; if it doesn't, open a web browser and go to **192.168.4.1**.

Step 3 — Enter your WiFi details

On the setup page that opens, fill in:

- **Sensor Name** — a name to help you recognise it later (e.g. "Kennel 4"). You can rename it again later from your dashboard, so don't worry about getting it perfect now.
- **WiFi Network (SSID)** — the name of your home or kennel WiFi network
- **WiFi Password** — leave this blank only if your network genuinely has no password

Tap **Save & Connect**.

Step 4 — Let it connect

You'll see a confirmation message, and the sensor will restart and try to connect to your WiFi network. This takes a few seconds. Your phone or computer will drop the connection to the sensor's own WiFi at this point — that's normal, you can reconnect to your usual WiFi now.

Once connected, the sensor's screen will switch to its normal display, showing live temperature and humidity readings. It should also appear on your Kennel Care dashboard within a few seconds.

If Something Goes Wrong

The sensor doesn't seem to connect (still shows the error screen after a minute or so): double-check your WiFi password was typed correctly, and that you're using a 2.4GHz network with internet access (see "Before You Start" above). After about 10 seconds of a failed connection, the sensor automatically returns to Setup Mode by itself, ready for you to try again from Step 2.

You want to reconnect it to a different WiFi network, or start over: press and hold the small button on the sensor for about 5 seconds. This clears the saved WiFi details and puts the sensor straight back into Setup Mode, ready to go through these steps again.

Still stuck? Email us at info@atcdynamic.co.uk and we'll help you get it connected.