1. Planning - pre-arrival

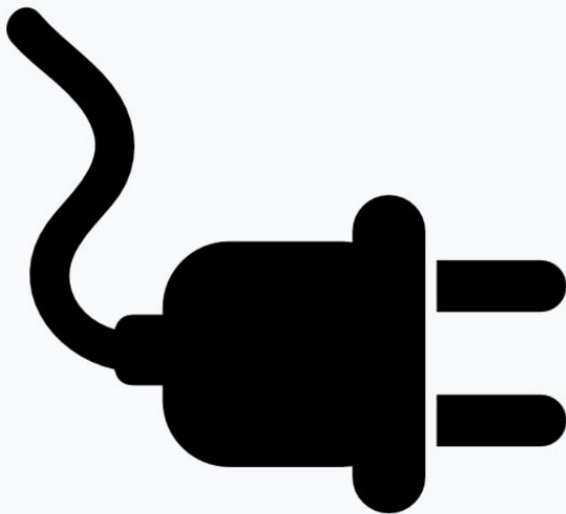Written By: Tanya Taylor

Step 1 — Choose onsite location

- Visit the site and [choose a suitable location for you monitor](#).

- Make sure the site is:

  - Representative of the pollutants you intend to measure.

  - Secure but with adequate access.

  - Appropriately open to all wind directions.

- If you're planning a permanent deployment, check there's nothing nearby which could change and affect your project – like trees, planned buildings or new roads and other potential interferences.

Step 2 — Ensure power is onsite

- Decide how you're going to power your monitor (mains, battery or battery/solar), and make sure that power source is available or installed before the monitor arrives.

- When installing power outlets (110 VAC to 230 VAC) for the monitor, they should be weatherproof and installed safely.
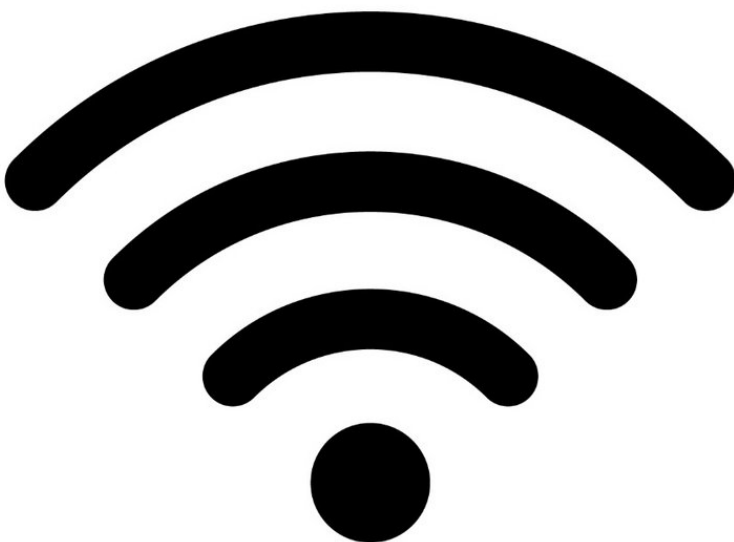
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- Allow for two power outlets, one for the monitor and one for calibration equipment.
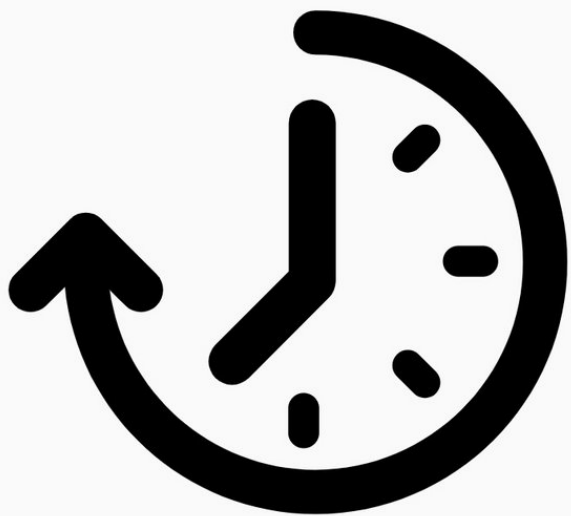
Step 3 — Install infrastructure

- After you've considered your [mounting method options](), install any infrastructure required for the installation.

- You'll need to supply and install a pole or platform to mount the sensor. Siting may be subject to local regulations.

- If you've ordered any third-party sensors, you'll also need to [supply and install poles for mounting those]().

- Check you have the required tools.
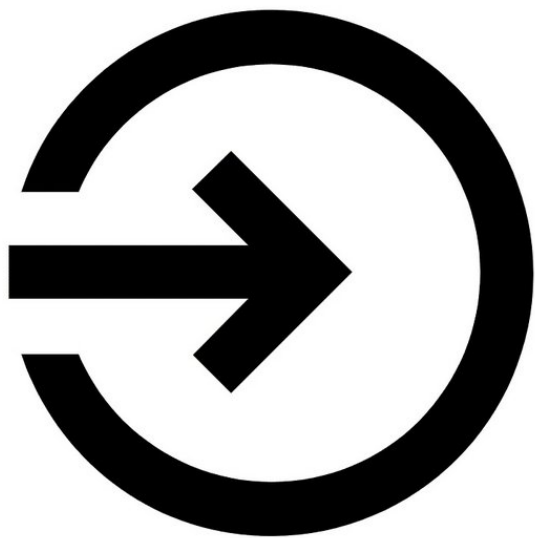
Step 4 — Confirm communication

- Confirm communications method (Wi-Fi and/or cellular).

- Check communication specifications and how the monitor software will be accessed on site.

- For cellular access, purchase a dynamic IP network SIM card with at least 1 GB data per month.

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Step 5 — Plan installation day

- Plan for your time on site.

- For installation and commissioning, allow at least four hours on site.

- Allow for travel time to and from the site.

- Confirm the site's operation (access) times.

- Confirm personal protective equipment (PPE) you may need on site.

Step 6 — Request Cloud login

- Contact Technical Support and request your login details (username and password) for Aeroqual Cloud.

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Step 7 — Read set up guides

- Familiarise yourself with the set up guides in this help center.

- Confirm the method of data access that will be supplied with the monitor (e.g. Aeroqual Connect or Aeroqual Cloud).

- Send any questions about things you're unsure about to Technical Support.

Step 8 — Write a checklist

- Write your own checklist to ensure a smooth installation and commissioning.

- Include any reporting requirements that will be required.

For further support, contact Technical Support.

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