MÎNUT

Minut Air & Noise Sensor E1-N
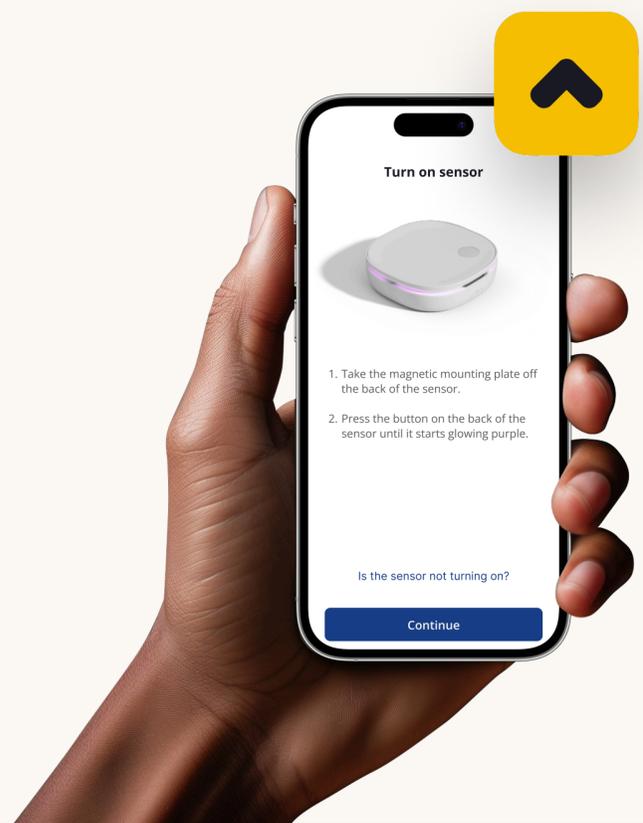
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Getting started

Before you begin installation, ensure you have the app and the right access levels to connect the device.

Download the Minut app from the app store or visit app.minut.com. Ensure you have owner, admin or member level user access to the unit in the Minut account.
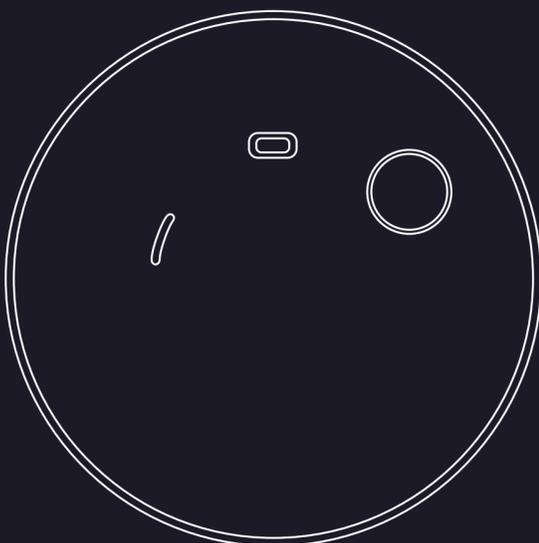
Download on the **App Store**
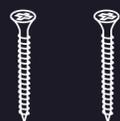
GET IT ON **Google Play**

Scan to open

Required tools & materials

Included in the box

E1-N Sensor

4mm Diameter screws x 2

Additional equipment (not included)

- PZ2 screwdriver
- Flathead screwdriver or thin key
- Cabling based on your configuration – ethernet and/or USB-C (up to ¼ in / 7 mm diameter) + cable tie (optional)
- Ladder (optional)

Power and network

The Minut Air & Noise Sensor E1-N requires continuous power and an internet connection to operate.

You can power and connect to the device with any of these configurations:

⚡	USB-C
	+
📶	Wireless or Ethernet (LAN)

⚡ 📶	Ethernet (PoE)

⚡	AC Mains
	+
📶	Wireless or Ethernet (LAN)

⚠ Warning: AC installation must only be performed by a qualified electrician.

Installing the device

Device placement

Select a location with suitable environmental conditions and access to power and network connectivity.

Environmental conditions affect how the device measures and detects activity. For best results:

1 Mount on the ceiling, at least 11 in (30 cm) away from any walls.

2 Keep the area directly beneath the sensor clear within a 16 in (40 cm) radius. Avoid having lamps, shelves or other high objects directly underneath.

3 Do not place the device near fans, vents, windows, or other sources of moving air.

💡 Tip: For best results, place the device near the centre of the room.

If ceiling mounting is not possible, mount high on a wall with at least 30 cm (11 in) clearance from corners, furniture, and other obstructions; do not mount on top of furniture, or near loud appliances.

Avoid:

- Do not place the device near fans, vents, windows, or other sources of moving air.

- Bathrooms, kitchens or areas where steam or cooking smoke may interfere with sensor capabilities.
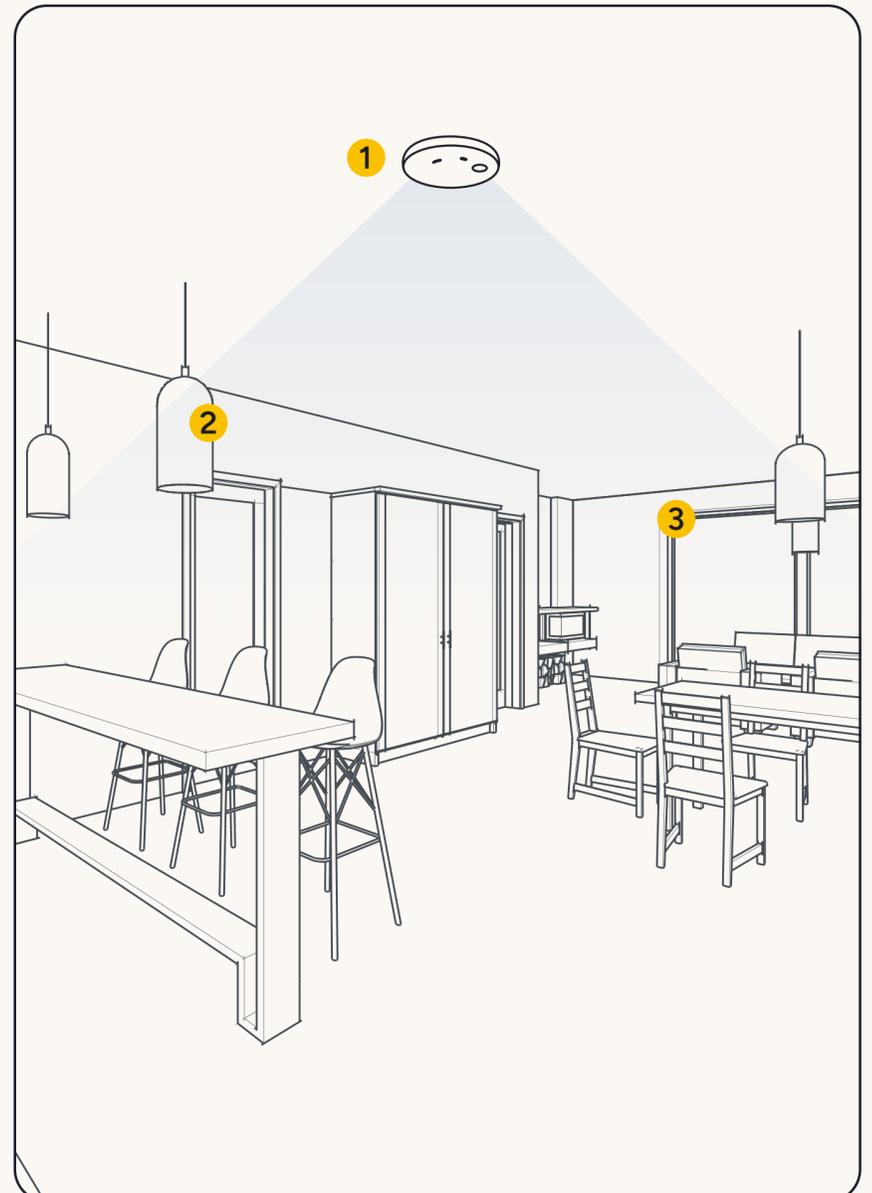
⚠ Caution: The Air & Noise Sensor - E1-N is for indoor use only. Do not install in bathrooms, porches or other areas exposed to condensation, water, or direct sunlight.

See **Technical Specifications** for more information.

Mounting the device

Remove lid

Using a thin flat tool such as a small flathead screwdriver or a key, push in one of the side latches to gently remove the lid from the main device base.
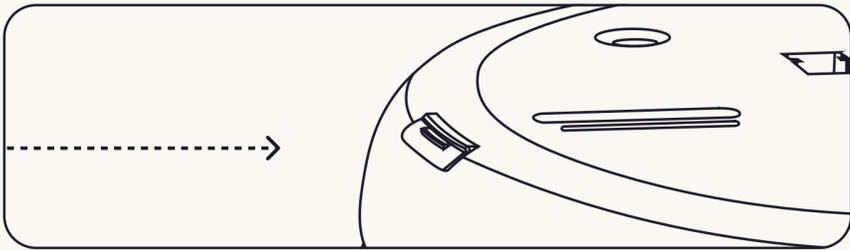
Mount the device base

The sensor can be mounted directly onto junction boxes. Fits most standard EU and US junction boxes with screw centers 2.2–3.5 in (57–90 mm).

If you are not installing onto a junction box: mark and drill 2 holes where you will mount the device, 2.2–3.5 in (57–90 mm) apart.

Remember to position the screw holes aligned with the cabling.

💡 **Tip: Mark your holes using the sensor screw holes as a guide, or use the guide provided on the side of this page.**

Plug in cable(s) per your configuration. You may use a cable tie to secure cabling and prevent tampering (optional). Then mount the device base with the screws supplied.
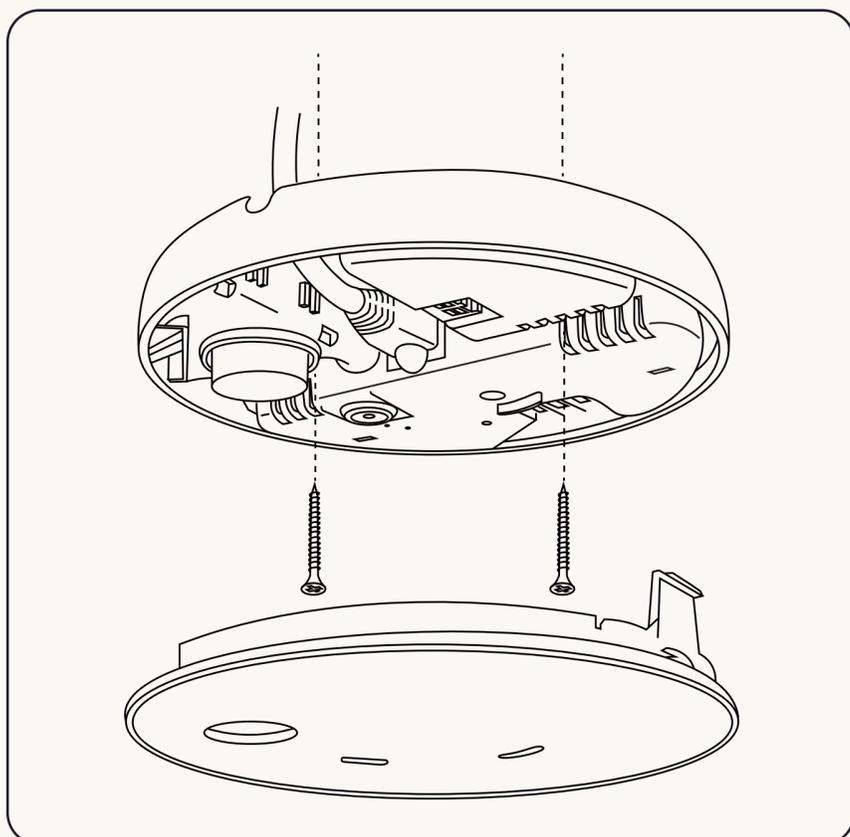
Get to know your device

1 Screw holes

2 Reset button (and light indicator)

3 Motion sensor lens

4 Sensor lens **do not touch!**
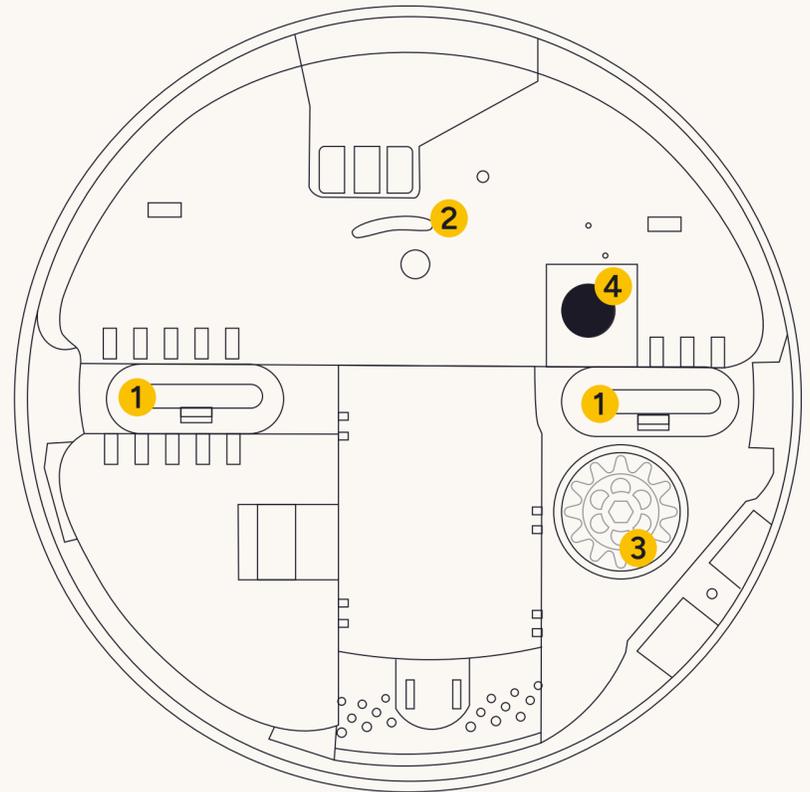
Completing the installation

In-app set up

Login to the **Minut** app to connect your device.

If you haven't created a unit yet, create your unit following the steps in the app.

Add device
Navigate to the **Unit** the device is installed in and add a new device.

Select E1 Noise & Air Sensor, then follow the instructions in the app.

After finishing the in-app set up, reattach the lid, lining up with the motion lens and light indicator. Press until the latch clicks and the lid feels secure.

Your device is all set and ready to start monitoring!

ℹ️ Note: Removal of the lid from now on will trigger a tamper alert, as will obstructing the space right under the device.

Technical specifications

Size

Diameter: 4.7 in (120 mm)
Height: 0.75 in (19 mm)

Power

AC (mains)
• 85-240V AC, 50/60Hz
• Connection via removable terminal block (≦ AWG 16/1.5mm2)
• Maximum power input: 2.75W
• Internal fuse: 0.5A
• Double-insulated (回). Protective earth (PE) connection not required.

Power over Ethernet (PoE)
• IEEE 802.3af, 37-57V DC
• Maximum power input: 4W

USB-C
• 5V DC
• Maximum input current: 500mA

Connection

WLAN: 802.11 b/g/n (2.4GHz)
Ethernet (LAN/PoE): 10/100Mbps Auto MDI-X, IEEE 802.3af 37-57V DC, RJ45

Operating Conditions
Temperature: 0–60°C (32–140°F)

Support & troubleshooting

• Visit minut.com and chat to our support chatbot
• Visit our help centre: support.minut.com
• Email: hello@minut.com
• Contact your Minut Account Manager, if applicable