



DAGNRX56Pd4
Air Gradient
Open



airgradient DAGNRX56Pd4 Air Gradient Open Owner's Manual

[Home](#) » [airgradient](#) » airgradient DAGNRX56Pd4 Air Gradient Open Owner's Manual 

Contents

- [1 airgradient DAGNRX56Pd4 Air Gradient Open](#)
- [2 Product Usage Instructions](#)
- [3 FAQs](#)
- [4 PRODUCT INFORMATION](#)
- [5 Installation Considerations](#)
- [6 Power & Connection](#)
- [7 Documents / Resources](#)
 - [7.1 References](#)
- [8 Related Posts](#)



airgradient DAGNRX56Pd4 Air Gradient Open



Product Usage Instructions

Installation Instructions

The AirGradient Open Air comes with a versatile mounting bracket that allows for flexible installation options.

1. For temporary installations, use cable ties, sturdy string, or wires through the bracket holes for mounting on poles or objects.
2. For permanent installations, measure the distance between mounting points, drill M4 screws into the wall, and mount the device securely.
3. Ensure correct orientation with the blue vent facing downwards for optimal performance.
4. Use the anti-theft screw hole to secure the device from being lifted.

Installation Considerations

Before installing the Open Air device, consider the following:

1. **Height:** Mount the sensor unit between 150 and 250cm on the wall.
2. **Air Conditioner/Ventilation Outlet:** Maintain a distance of at least 90cm from any A/C or ventilation outlet.
3. **Sunlight:** Avoid direct sunlight exposure for accurate temperature readings.
4. **Doors/Windows:** Keep the sensor away from doors or windows to prevent indoor pollutants from affecting readings.
5. **Walls:** Choose a wall or pole that doesn't heat up excessively due to sunlight.
6. **Distance from Pollution Sources:** Avoid placing near pollution sources like barbecues or chimneys.
7. **Wind Exposure:** Position in an area with good natural wind flow to avoid stagnant air zones.
8. **Heat Sources:** Keep away from large heat sources like electronics.

Note: The AirGradient Open Air is designed for outdoor use and may provide different readings compared to indoor air quality monitors due to its outdoor weather algorithms.

FAQs

- **Can I use the AirGradient Open Air indoors?**

- No, the device is designed for outdoor use and has algorithms tailored for outdoor conditions. For indoor air quality monitoring, consider using dedicated indoor air quality monitors like the AirGradient ONE.

- **How should I secure the device during installation?**

- Use the anti-theft screw hole at the bottom of the device to insert a screw and prevent easy removal of the device.

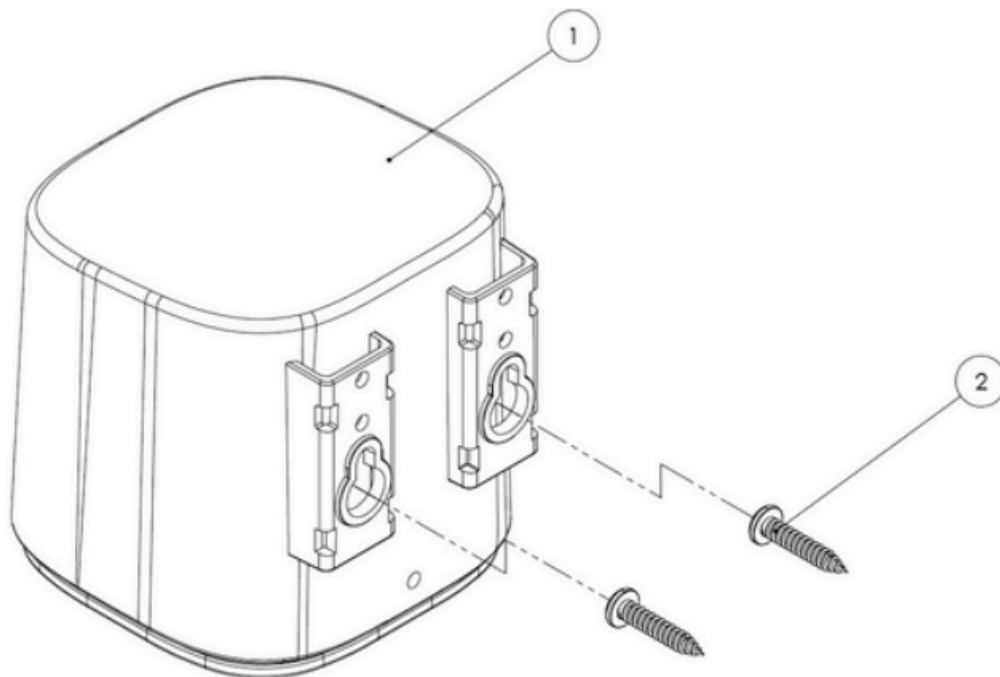
- **What is the recommended mounting height for the sensor unit?**

- The sensor unit should ideally be placed between 150 and 250cm on the wall for optimal performance.

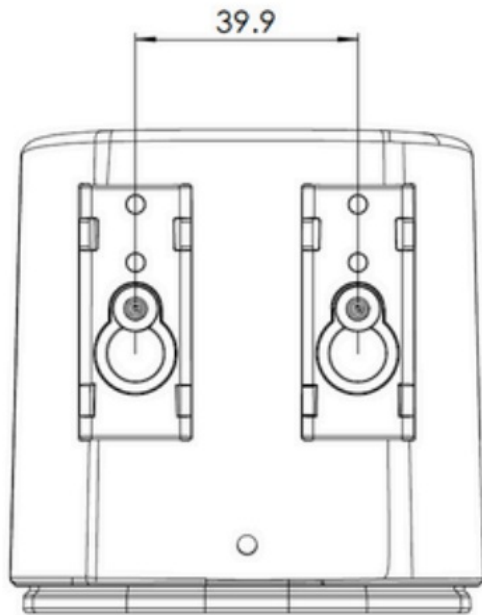
PRODUCT INFORMATION

The AirGradient Open Air comes with a mounting bracket on the back of the device designed to allow flexibility during the mounting process. Whether you want a permanent or temporary installation, you can set up the Open Air how you want.

- For temporary installations, cable ties, sturdy string, or wires can be passed through the four holes on the sides of each bracket. This method is well suited for mounting the device on poles, fence posts, or any other object to which the monitor can be tied. We recommend cable ties or wire for this method, as they won't degrade significantly due to weather conditions.



- recommend measuring the distance between the two large mounting points and drilling two M4 screws into the wall with the heads sticking out. The monitor can then be mounted on these heads and pushed down so the monitor won't fall off. When removing the monitor, push it up before pulling it off the wall.



ITEM NO.	Description / Part Number / Size	QTY.
1	Air Gradient OPEN AIR	1
2	92470A369_Phillips Rounded Head_M4.2x22	2

The two holes at the top of each bracket are designed for expansion options and aren't intended to be used to mount the device. Finally, the single hole at the bottom of the device is an anti-theft screw hole into which you can insert a screw to prevent the device from being lifted up and easily removed.



Installation Considerations

When installing the Open Air on a wall or post, please ensure the device is in the correct orientation, with the blue vent facing downwards. Furthermore, ensure that there are no obstructions around the vent hindering airflow. Furthermore, please remember the following points:

- **Height**

- Please do not place the sensor below 100cm or above 300cm on the wall. Ideally, it should be placed between 150 and 250cm.

- **Walls**

- If possible, find a wall or pole that doesn't heat up too much due to sunlight. Otherwise, the temperature sensors within the monitor will provide incorrect readings.

- **Sunlight**

- Please ensure the sensor unit is not exposed to direct sunlight for accurate temperature readings. Somewhere shaded is ideal, but if this isn't possible, please remember that the temperature readings may be off.

- **Doors / Windows**

- To have stable readings, we recommend not to put the sensor unit close to doors or windows. This can cause indoor pollutants such as VOCs to exit the house and be picked up by the Open Air.

- **Air Conditioner /Ventilation Outlet**

- Please do not place the sensors closer than 90cm to any A/C or ventilation outlet

- **Distance from Pollution Sources**

- Avoid placing the monitor too close to direct pollution sources such as barbecues, chimneys, or other localized emission sources that could skew the readings.

- **Wind Exposure**

- Position the monitor in an area where it can receive a good amount of natural wind flow, avoiding stagnant air zones.

- **Heat Sources**

- If possible, place the device away from heat sources such as large electronics/appliances.

Furthermore, since the Open Air uses algorithms that account for outdoor weather conditions such as wind, it shouldn't be used indoors. These algorithms mean that some readings, such as the relative humidity readings, can vary significantly from dedicated indoor air quality monitors such as the AirGradient ONE.



Power & Connection

The AirGradient Open Air requires a constant connection and power to perform optimally. Since the device lacks onboard storage, any disconnection from the internet will result in lost data. Therefore, another important installation consideration is placing the monitor somewhere with a strong WiFi signal. Typically, this shouldn't be an issue if it's mounted outside your house. However, this is an important consideration if you plan to mount the monitor further away from your home (such as in your garage). Finally, the included USB cable is 4 meters long and provides many installation options. However, if you plan to purchase a longer cable, ensure it is rated for water resistance and outdoor use.



Documents / Resources



[airgradient DAGNRX56Pd4 Air Gradient Open](#) [pdf] Owner's Manual
DAGNRX56Pd4, BAFtnxnvtGU, DAGNRX56Pd4 Air Gradient Open, DAGNRX56Pd4, Air Gradient Open, Gradient Open

References

- [User Manual](#)

Manuals+ Privacy Policy

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.