



HibouAir – Air Quality Monitor

HibouAir – Air Quality Monitor For everyone

Affordable wireless device with simple setup that provides all environments data for observations and study to preserve a healthy air quality environment.



The intelligent Air quality sensor system installs in seconds and connects to your Dashboard account, providing real time Air quality Data.

Comes With **Particle** or **CO2** sensor

Particle Sensor (Model : SSD 002/1) , CO2 Sensor (Model : SSD 002/2)



HibouAir App is available for all devices.

** Available on iPhone, iPad and all Android devices.*



The web-based application runs on every web-enabled device. Explore Your Data Visually using various maps, charts and graphs on different devices.



Smart
Sensor
Devices

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Sensor Specifications

Roles	Wifi Client Bluetooth v5.0 Peripheral.
Security	X.509 certificate.
Connectivity	802.11n (2,4 GHz) Wi-Fi Bluetooth 5.0
Power	Micro USB, Low power: Typ 45mA , peak 400mA (at Wifi transmission). Possible to use external power bank for portable use
Sensors	<ul style="list-style-type: none">● Temperature, range: 0...50°C Accuracy: $\pm 1^{\circ}\text{C}$● Humidity, range: 0...100% r.H. Accuracy: $\pm 3\%$ r.H.● VOC (Organic Compounds) CO equivalent● Pressure, range: 300...1100 hPa ± 0.6 hPa● Ambient light: resolution 100mLux <p><u>PM Sensor (Model : SSD 220/1)</u></p> <ul style="list-style-type: none">● Particulate Matter (PM1.0 , PM 2.5 & PM 10): resolution 0.3 $\mu\text{g}/\text{m}^3$. Max Error $\pm 15\%$ <p><u>CO2 Sensor (Model : SSD 220/2)</u></p> <ul style="list-style-type: none">● NDIR CO2 sensor, Fully calibrated and linearized.● Measurement Range : 400ppm - 10000ppm● Accuracy : +/- (30 ppm 3%)
Mechanical	73,2 mm (L) , 50 mm (W) 12,4 mm (D)
Environmental	Temperature: 0°C to 50°C Humidity: 95% Ingress Protection: IP22 (Indoor use and Outdoor with extra protection case)
Mounting	Wall mounted holder.
Case Material	ABS
Certification	FCC & CE, RoHS compliant, halogen-free
Colors	White or Black

How It Works



Install the App

Download and install the HibouAir app from Google Play / App Store.



Connect your device

Connect your device to a power source and get close to the device to setup Bluetooth and Wifi.



Enjoy the features!

The device will accurately inform you about the air quality through app or your cloud dashboard account.

