



HibouAir – Air Quality Monitor



HibouAir – Indoor air quality monitoring solution PM with Noise (BLE)

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 mobile or desktop application, providing real time Air quality Data.

Model : SSD002/1BN

Smart Logging & Reporting



Interval Control

Programmable storage in 1-minute steps.



Long-Term Storage

Store data for days or months.



PDF Reports

Export historical reports in PDF format.



Trend Insights

Turn stored data into clear decisions.



Real-Time Monitoring

Get real-time indoor air quality insights, allowing you to take proactive steps to protect your health.



7-Day Data Visualization

Track air quality trends from the past week with clear, intuitive graphs and easy-to-read charts.



Offline Access

Connect directly via Bluetooth without needing internet, so you can monitor air quality anytime, anywhere.



Detailed Parameter Monitoring

Monitor key air quality parameters, including CO₂, particulate matter, VOCs, temperature, and humidity.



**Smart
Sensor
Devices**

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Sensor Specifications

Connectivity	Bluetooth 5.0
Roles	Bluetooth v5.0 Peripheral
Power	+5V DC input on micro USB connector
Sensors	● Temperature, range: 0...60°C Accuracy: $\pm 1^{\circ}\text{C}$ ● Humidity, range: 0...100% r.H. Accuracy: $\pm 3\%$ r.H. ● VOC (Organic Compounds) : IAQ index & ppm ● Pressure, range: 300...1100 hPa ± 0.6 hPa ● Noise, range : 65db ● Particulate Matter(PM1.0, PM2.5 & PM10) :resolution 0.3 $\mu\text{g}/\text{m}^3$. Max Error $\pm 15\%$
Mechanical	73,2 mm (L) , 50 mm (W) 12,4 mm (D)
Environmental	Temperature: 0°C to 60°C Humidity: 100% 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
Part number	SSD002/1BN
Accessories	- Power adapter - USB power cable (3 meter)

How It Works



Install the App

Download and install the HibouAir mobile or login to HibouAir portal to access real time environmental data.



Enjoy the features!

The device will accurately inform you about the air quality through HibouAir application.



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