



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

Comes With **Particle Matter** sensor (Model : SSD002/1B) & HibouAir USB Dongle (Model : SSD005)

Light scattering measuring principle



HibouAir App is available for all devices.

Explore your real-time air quality data visually on different devices using HibouAir app.

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



Smart  
Sensor  
Devices

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## Sensor Specifications

Connectivity	Bluetooth 5.0
Roles	Bluetooth v5.0 Peripheral
Power	Micro USB, Low power: Typ 45mA. Possible to use external power bank for portable use
Sensors	<ul style="list-style-type: none"><li>● Temperature, range: 0...50°C Accuracy: <math>\pm 1^{\circ}\text{C}</math></li><li>● Humidity, range: 0...100% r.H. Accuracy: <math>\pm 3\%</math> r.H.</li><li>● VOC (Organic Compounds) : IAQ index &amp; ppm</li><li>● Pressure, range: 300...1100 hPa <math>\pm 0.6</math> hPa</li><li>● Ambient light: resolution 100mLux</li><li>● Particulate Matter (PM1.0 , PM 2.5 &amp; PM 10): resolution 0.3 <math>\mu\text{g}/\text{m}^3</math> . Max Error <math>\pm 15\%</math></li></ul>
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
Part number	SSD002/1B
Accessories	<ul style="list-style-type: none"><li>- HibouAir Sensor</li><li>- HibouAir USB dongle (SSD005)</li><li>- Power Adapter with 3 meter cable</li></ul>

## How It Works



### Install the App

Download and install the HibouAir mobile or desktop application to access real time environmental data.



### Enjoy the features!

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

