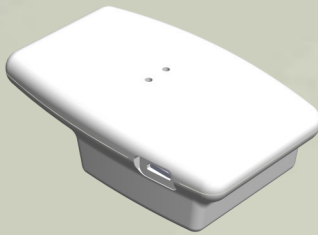




Hibou Air Quality Sensor System



- ◆ Easy installation
- ◆ Real Time Data Access
- ◆ Configurable Reports
- ◆ User defined Alerts



Hibou Air Quality Air Sensor System is the eco-friendly intelligent IoT connected environmental air quality sensor system that installs in seconds and connects to your Management platform, helps you measure Air Quality, Humidity, Temperature, Ambient pressure, Ambient Light & UV light levels, VOC with IAQ index output.



**Smart
Sensor
Devices**

Web: www.smartsensordevices.com
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Sensor Specification — SSD002

Trusted Connectivity and Security

Communication is protected and secured through the use of X.509 certificates and 802.1x authentication.

Protocols

Easy and direct control via Open API, to connect with customized systems.

Storage and analysis

Data can be stored and analyzed on AWS IoT Cloud or just stored directly on the Dashboard.

Management

Provision, update and control access of devices to the system as well as policy-based permissions.

	Hibou Air Quality Sensor System
ROLES	Wifi Client Bluetooth Master and Peripheral
SECURITY	X.509 certificate, , 802.1X authentication
CONNECTIVITY	802.11n (2,4 GHz) Wi-Fi Bluetooth 4.2
POWER	Micro USB, Low power: Typ 45mA , peak 400mA (at Wifi transmission).
SENSORS	Particulate Matter (PM1.0 & PM 2.5): resolution 0.3 µg/m ³ . Max Error ± 10% Humidity, range: 0...100% r.H. Accuracy: ± 3 % r.H. Temperature, range: -20...65°C Accuracy: ± 1°C Pressure, range: 300...1100 hPa ± 0.6 hPa Ambient light: resolution 100mLux UV light as UV Index (WHO standard) VOC (Organic Compounds) Indoor Air Quality Index (IAQ) Output
MECHANICAL	73,2 mm (L) , 50 mm (W) 12,4 mm (D)
ENVIRONMENTAL	Temperature: - 20°C to +65°C Humidity: 95% Ingress Protection: IP42 (Indoor use and Outdoor with extra protection case)
MOUNTING	Adhesive sticker or wall mounted holder.
CASE MATERIAL	Disposable Bio grade material
CERTIFICATION	FCC & CE, RoHS compliant, halogen-free
COLORS	White Black



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