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.

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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/m³, 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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