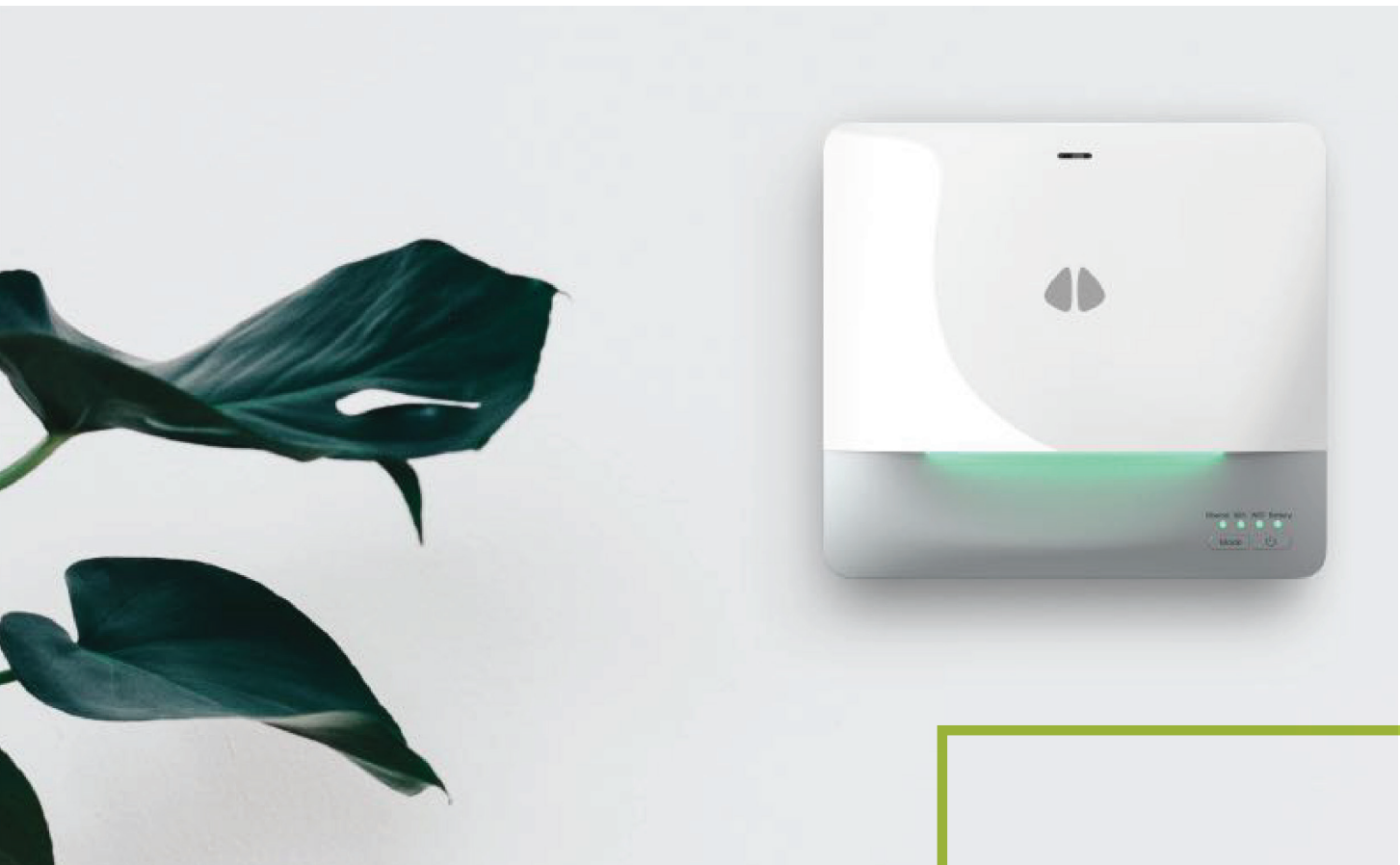


AURA Technical Specifications

Wall-mounted or Table Top Environmental Air Quality Monitor



uHoo Aura

The Most Comprehensive Environmental Quality Monitor

Temperature, Relative Humidity, TVOC, Particulate Matter (PM₁, PM₂₋₅, PM₄, PM₁₀), Carbon Dioxide (CO₂), Formaldehyde, Carbon Monoxide (CO), Air Pressure, Light, Sound

| GENERAL | | DESIGN | |
|------------------------|--|-------------------------|--|
| Installation: | Wall-mounted | Dimensions (W x L x D): | 200mm x 180mm x 57mm or 7.8in x 7.1in x 2.2in |
| Operating Temperature: | 10°C to 50°C 14°F to 122°F | Weight: | 765g or 1.7lbs |
| Operating Humidity: | 5% to 95%, Non-condensing | Material: | ABS Plastic |
| Built-in Fan: | Yes | Mechanical Protection: | IP43 Ratings with Dust-filtering Mesh |
| OTA Firmware Update: | Yes | Light Indicators: | Air Quality, SIM, Ethernet, Wi-Fi, Battery (Software-controllable) |
| Accessories: | 5V/2A USB Adapter (region-specific), 1.5m USB Cable, Mounting Tape, Tapping Screws, Wall Plugs, Air Health and Virus Index Sticker | Screen Display: | No |

| DATA | | POWER | |
|---------------|---|----------------------|---|
| Log Interval: | Once per Minute | Main Power Source: | 5V/2A USB Adapter |
| Backup: | Every 15-minute Interval up to 48 hours on Local Flash Memory Permanant on Cloud | Backup Power Source: | 3250mAh @ 3.6V Lithium-ion Battery |
| Format: | Minute, Hourly Average, Daily Min/Max/Average + Analytics | Power Consumption: | 900 mW (Normal Operation) and 1.1 W (Data Transmission) |
| APIs: | Yes | | |

| USER INTERFACE | | CERTIFICATIONS | |
|-------------------------|---|----------------|--|
| uHoo Account: | Contact business@getuhoo.com for Account Registration | Radio: | FCC, IC, CE, TELEC, NTC |
| Web Dashboard: | Support All Major Browsers | Safety: | FCC, IC, CE, PSE |
| Mobile App: | uHoo Business | Battery: | UN38.3, UL 62368, CB (IEC 62133-2017), PSE |
| Minimum OS Requirement: | iOS 11 (64-bit Devices) or Android 4.3 and Versions Above | Environmental: | RoHS, REACH, WEEE, Free of SCCP and HBCDD Contents |

CONNECTIVITY

Choose your connectivity protocol from the following options*

1. Nb-IoT

| | |
|--------------|---|
| Description: | LTE Cat M1 / NB1 and EGPRS Module |
| LTE Bands: | Multi-regional. 1/2/3/4/5/8/12/23/18/19/20/25/26 |
| SIM Card: | Micro-SIM Supporting M1/NB1 Network Access. Contact your Local Telecommunication Service Provider for More Details. |

2. Wi-Fi (Setup using mobile app)

| | |
|-----------|--|
| Standard: | 802.11 a/b/g/n @ 2.4GHz and 5GHz (20MHz Channels Only) |
| Security: | Open, WEP, WPA/WPA2-Personal |

*There is only one connectivity protocol used by each device. Be sure to select your preferred option when ordering to ensure it is compatible with your setup.

SENSOR SPECIFICATIONS

| SENSORS | RANGE | RESOLUTION | ACCURACY |
|-------------------|----------------------------|---------------------|--|
| Temperature | -40 to 85°C | 0.1°C | ± 0.5°C |
| Relative Humidity | 0 to 100% | 0.1% | ± 3% |
| Air Pressure | 300 to 1,100 mBAR | 0.1 mBar | ± 1 mBar |
| Light | 0 to 40,000 lux | 1 lux | ± 20 lux or ± 5% of actual value |
| Sound | 30 to 120 dB | +/- 1db | Sensitivity: -26 dBFS SNR: 64 dB : 122.5 dB SPL |
| PM ₁ | 0 - 1000 µg/m ³ | 1 µg/m ³ | ± 10 µg/m ³ (0 to 100 µg/m ³) ± 10% (100 to 1000 µg/m ³) |
| PM ₀₋₅ | 0 - 1000 µg/m ³ | 1 µg/m ³ | ± 10 µg/m ³ (0 to 100 µg/m ³) ± 10% (100 to 1000 µg/m ³) |
| PM _{2.5} | 0 - 1000 µg/m ³ | 1 µg/m ³ | ± 25 µg/m ³ (0 to 100 µg/m ³) ± 25% (100 to 1000 µg/m ³) |
| PM ₁₀ | 0 - 1000 µg/m ³ | 1 µg/m ³ | ± 25 µg/m ³ (0 to 100 µg/m ³) ± 25% (100 to 1000 µg/m ³) |
| TVOC | 0 to 60,000 ppb | 1 ppb | ± 15 % |
| Carbon Dioxide | 400 to 10,000 ppm | 1 ppm | ± 30 ppm plus 3% of actual value |
| Carbon Monoxide | 0 to 1,000 ppm | 0.1 ppm | ± 2 ppm |
| Formaldehyde | 0 to 2,000 ppb | 1 ppb | ± 30 ppb (0 to 300 ppb) ± 10% (300 to 2000 ppb) |

CONNECTIVITY

uHoo Aura Base Device Measures the Following:

Temperature, Relative Humidity, Air Pressure, Light, Sound, PM₁, PM₂₋₅, PM₄, PM₁₀, TVOC, Carbon Monoxide (CO), Carbon Dioxide (CO₂), Formaldehyde (HCHO) and Virus Index™

Module A: In addition to the 13 sensors of the uHoo Aura Base device, you can customize it to measure more parameters by choosing one of the options below:

- a. Nitrogen Dioxide (NO₂), and Ozone (O₃)
- b. Nitrogen Oxide (NO)
- c. Sulfur Dioxide (SO₂)
- d. Hydrogen Sulfide (H₂S)
- e. Ammonia (NH₃)
- f. Oxygen (O₂)

Module B: Temperature, Relative Humidity, Carbon Dioxide (CO₂), TVOC, Air Pressure

Module C: PM₁, PM₂₋₅, PM₄, PM₁₀