



uHoo Smart Air Monitor

Technical Specifications



Temperature



Humidity



PM_{2.5}



TVOCs



Carbon
Dioxide



Carbon
Monoxide



Air
Pressure



Nitrogen
Dioxide



Ozone

Take health, safety, and comfort to a whole new level with the most comprehensive indoor air quality monitor.
For more detailed information about using your uHoo Smart Air Monitor: <https://getuhoo.com/support>

Product Specification

Model name:

uHoo Smart Air Monitor

Security:

128-bit AES end-to-end encryption

Processor:

32-bit ARM-based

User interfaces:

Native iOS and Android apps

Certifications:

FCC, CE, PSE, TELEC, NTC, KC,
REACH, RoHS, KSA

Power consumption:

900mW (normal operation) and
1.5W (data transmission)

Operating Temperature:

-10°C to 50°C (14°F to 122°F)

Operating Humidity:

5% to 95%, non-condensing



Design Specification

Body Material:

ABS thermoplastic polymer

Base Material:

Silicone rubber with stainless steel insert

Dimensions:

Height: 161mm or 6.3 inches

Diameter: 85mm or 3.3 inches

Weight:

270g or 0.6lbs

Status indicator:

RGB LED



System Requirements

WiFi network:

802.11 b/g/n @ 2.4GHz (5GHz not supported)

Power supply:

Power via 5V/2A USB adapter and cable

Mobile device:

iOS 11 (64-bit devices) or Android 4.3 and versions above

User interface:

uHoo mobile app on iOS or Android

Free uHoo Home account

uHoo Premium (optional in-app subscription)

((•)) Sensor Specification

		Range	Resolution	Tolerance
	Temperature	-40 to 85 °C	0.1 °C	±0.5 °C
	Relative Humidity	0 to 100%	0.1%	±3%
	PM _{2.5}	1 to 200 µg/m³	1 µg/m³	±15 µg/m³ or ±10% of actual value*
	TVOCs	0 to 30,000 ppb	1 ppb	±20 ppb or ±15% of actual value*
	Carbon Dioxide	400 to 10,000 ppm	1 ppm	±50 ppm plus ±3% of actual value
	Carbon Monoxide	0 to 1,000 ppm	0.1 ppm	±2 ppm or ±5% of actual value*
	Air Pressure	300 to 1,100 hPa	0.1 hPa	±1 hPa
	Nitrogen Dioxide	0 to 1,000 ppb	1 ppb	±20 ppb or ±10% of actual value*
	Ozone	0 to 1,000 ppb	1 ppb	±20 ppb or ±10% of actual value*

*Choose higher of the two

Independently Tested and Validated

Scan the QR code to read the Independent Study here:



Recommended for the detection of common indoor air pollutants in residential households





In the Box

Each box comes neatly packed with the following items:

- uHoo Smart Air Monitor
- Micro USB cable
- Country-specific power adapter

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