

User Guide v1.0



1 Meet AWAIR

Awair is the first complete smart air quality device dedicated to helping people better understand the impact of the air they breathe and make healthier lifestyle decisions. It monitors the air in your home and at the office, analyzes it and provides you with personalized solutions to improve the air quality around you.



2 Why we built AWAIR

We take about 20,000 breaths every day. The air we breathe at home, work, or in public spaces is vital for our health and affects how we feel. While we eat and drink only a few times a day, we breathe every moment. Understanding what we're breathing into our bodies and reacting smarter to our environment is an important step to a lasting healthy lifestyle.

Bitfinder was founded in 2013 with the mission of helping people to understand their environment better and empowering them to improve their wellness. Both of our founders have kids who suffer from eczema and asthma, skin and respiratory system issues. Frustrated after trying hundreds of different treatments, we decided to build a small device using open source electronics and multiple sensors to track the air quality of the kids' environment.

The result was stunning. We understood one of the roots of the issue was the poor indoor conditions in their rooms, schools, etc. and decided to start this project.

3 What AWAIR offers

Personalize

Awar is smart. It learns from your habits and lifestyle preferences. Simply tell Awar what matters to you most, such as allergies, sleep or productivity. It will track daily air quality levels in a given room and give you recommendations to help change your behavior, based on what's important to you.



Allergy



Sleep



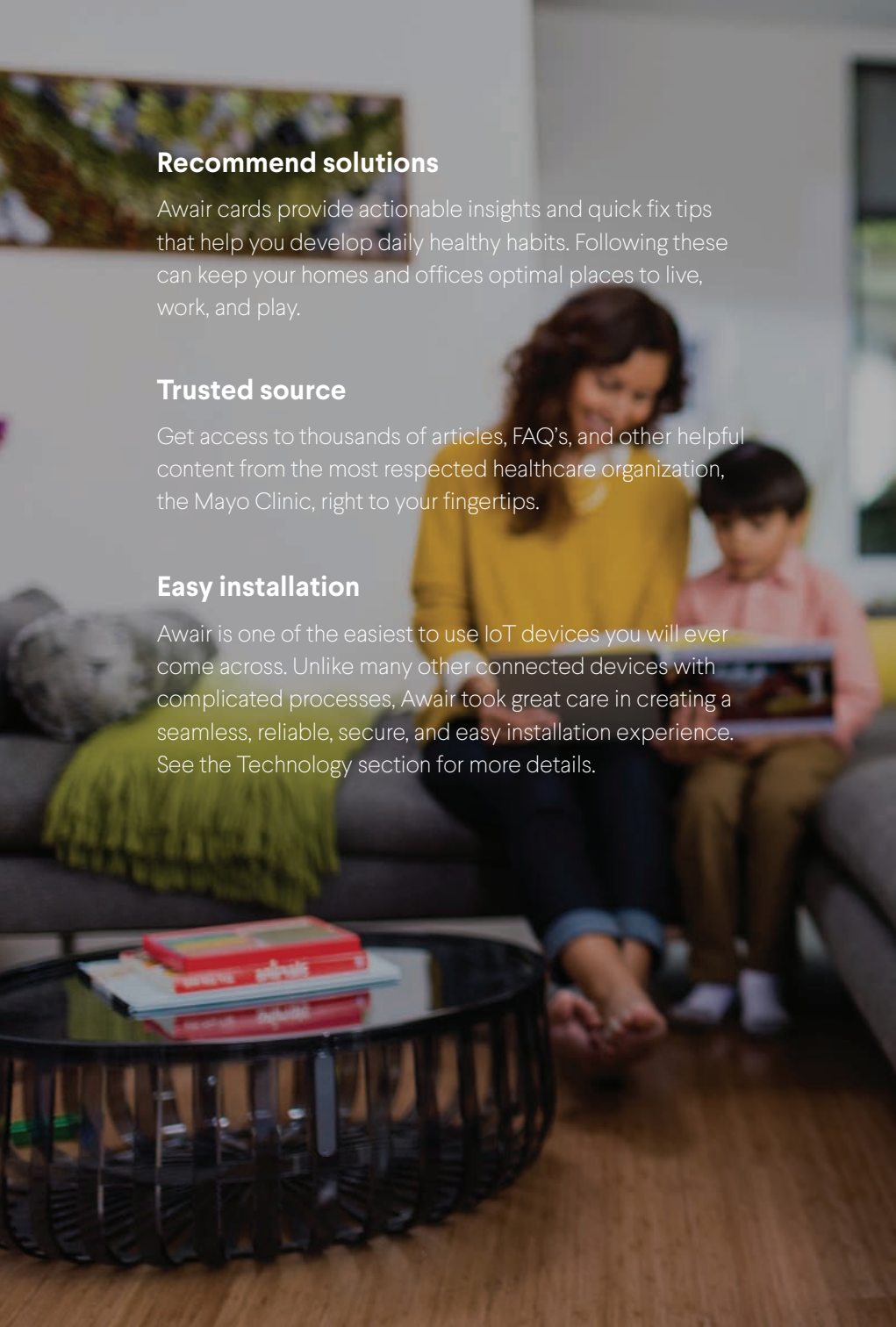
Productivity

Monitor

Awar measures the indoor air quality by reading five data points in the air: Temperature, Humidity, CO₂, VOCs and Dust. The Awar Score and colored index will help you understand how your surroundings are affecting your well-being. Timely alerts and notifications guide you to take actions.

Analyze

Rich sets of data and trending graphs provide deep knowledge of your surroundings. Understand your behavior patterns and find out what's causing poor air quality as it's happening.

A woman with long brown hair, wearing a yellow sweater, is sitting on a grey couch. A young boy in a pink shirt is sitting next to her, holding a book. They are both looking at the book. In the foreground, there is a black metal coffee table with a glass top, holding several books. The background is a living room with a white wall and a colorful abstract painting.

Recommend solutions

Awair cards provide actionable insights and quick fix tips that help you develop daily healthy habits. Following these can keep your homes and offices optimal places to live, work, and play.

Trusted source

Get access to thousands of articles, FAQ's, and other helpful content from the most respected healthcare organization, the Mayo Clinic, right to your fingertips.

Easy installation

Awair is one of the easiest to use IoT devices you will ever come across. Unlike many other connected devices with complicated processes, Awair took great care in creating a seamless, reliable, secure, and easy installation experience. See the Technology section for more details.

4 Product Information



HOW TO INSTALL

Installation requires a Wi-Fi connection, smartphone or tablet with iOS 8 or later, and a free Awair account.

Install the Awair app by following the link emailed to you.

Follow the simple step by step guide from the app to set up your device.

HOW TO USE

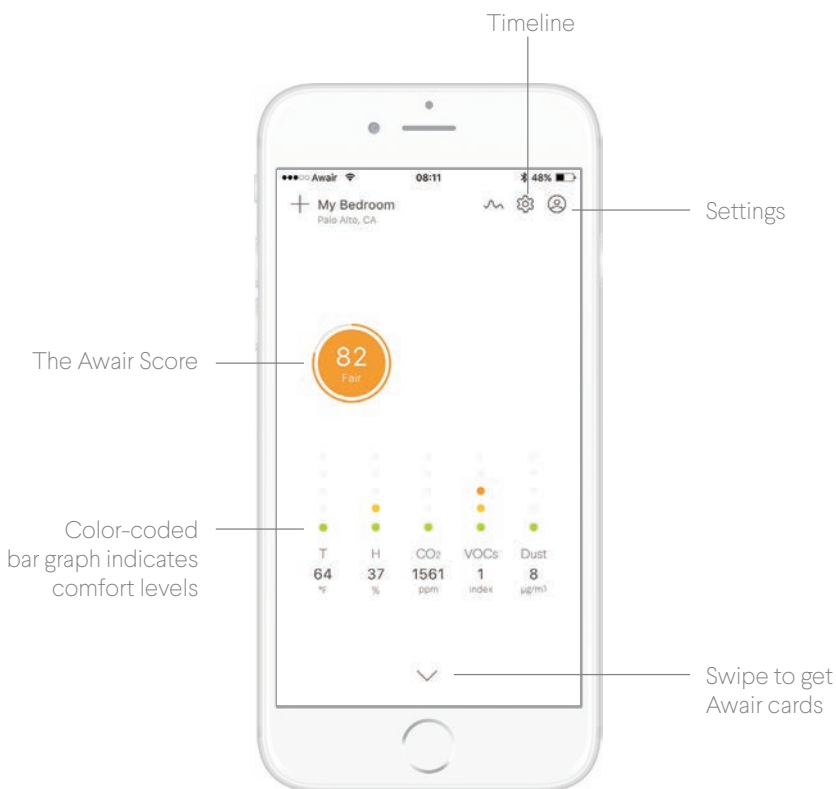
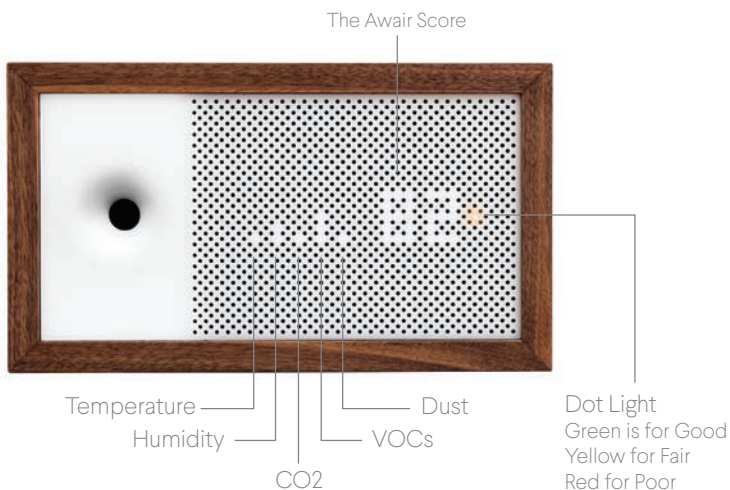
The Awair Score

Awair measures Temperature, Humidity, CO₂, VOCs and Dust. It then analyzes their aggregate levels to determine air quality and assign an Awair Score on a 0 to 100 color-coded scale. 0 being poor air quality and 100 being awesome.

The graph of the five dots on both the device and app represent the five sensors. They are, in order: Temperature, Humidity, CO₂, VOCs, and Dust.

The goal is to have only the green dots and avoid any red or orange ones. Fewer dots mean the air is healthier. The bar graph doesn't represent up and down of temperature and humidity changes.

The three color-coded states can be seen on both the device and the app. It communicates with you like a stop light. Green is for Good, yellow for Fair and red for Poor.



Awar cards

By swiping down on the main view, you can see various card views: message, solution, Mayo Clinic, and blog content cards.

Message cards summarize your current air condition in short words and give high level suggestions. Solution cards give quick fix recommendations while suggesting long-term habits to keep your indoor environment pleasant and healthy. Mayo cards are a quick link to a wealth of trusted, relevant information, such as medical articles and FAQs from the world-renowned Mayo Clinic. Blog cards deliver our curated blog content that is relevant to your current environment from the GetAwair website.

If a solution card suggestion is not relevant to you, slide the card left to delete it. Awair learns by getting your feedback.

Timeline

Daily trend graphs and event boxes help you understand your behavior patterns and what's causing air quality issues as they're happening.

You can filter by each sensor's data: Temperature, Humidity, CO2, VOCs, and Dust.

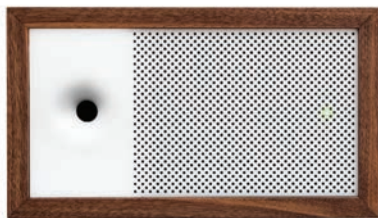
Display modes

The Awair device has three display modes: Awair Score, Dot Light, and Clock modes. The default is Awair Score, but you can always change it in your App Settings.

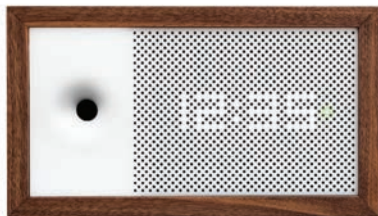
The displayed local time is always precise since the device is connected to the Internet.



Awair Score mode



Dot Light mode



Clock mode

Overview

The overview provides a quick dashboard view of all of your connected Awair devices, displaying Awair Scores, names, and locations of each. You can easily add additional devices by clicking the + button from both the Main View (for a single device) and the Overview (if you have multiple devices).

LED brightness setting

You have three options for adjusting the brightness of the LED display, which can be changed in the Settings.

In Always On mode, the display is always on and at full capacity. In Dim mode, the brightness of display automatically adjusts to your environment. The display works the same in day and night. Sleep mode is similar to Dim, but the display will turn off when all the lights in your area are turned off.

Knocking feature (beta)

When you knock on the top of the wood frame twice, the secondary display will show for 10 seconds before going back to the original display mode. When your default display is Dot Light or Clock modes, you can check the Awair Score by knocking twice. If your default display is the Awair Score, knocking will trigger Clock mode.

Please make sure you knock twice, firmly and distinctly, on the top, middle of the wood frame. You can personalize this in your app Settings. Get more detailed information at support.getawair.com.

TECHNOLOGY

Advanced sensing technology

Each sensor is first pre-calibrated by the sensor manufacturer and then goes through a chamber-enabled calibration procedure on our production line to maximize accuracy. Also all the sensors are placed into the right location to make enough space for natural airflow and consistent readings. Awair also uses dedicated CO2, dust, and VOC sensors.

Hassle free setup and updates

Awair utilizes both Bluetooth and WiFi to get users up and running quickly and securely. It provides a much more seamless process than the purely WiFi-powered pairing that is common. We also included a pin code to add a layer of security. Awair uses automatic "Over The Air" (OTA) downloads for firmware updates. New features will be periodically added without any user effort required.

Personalized insight

Awair gives tailored messaging based on your preference. Both the Awair score and solution card will reflect your interest whether it's allergy, productivity, sleep or general.

Connect with Smart Devices

Awair will work with connected devices such as thermostats, smart watches, fans, and much more in your home. Any smart internet connected device can simply connect with our open API. Integrated product offerings is expected to roll out next year. We are also developing embedded technology that brings the same state-of-the-art sensing capability and Internet connectivity from Awair to other air-treatment devices.

DESIGN

We want to provide warmth in technology that creates intimate interactions between humans and the electronic device, as well as fitting into your lifestyle and sophisticated taste.

Awair is like a well-designed piece of furniture that blends into your living and working spaces with its timeless and familiar design characteristics.



BUSINESS

Target customers

Our target customers include parents, people with certain skin and respiratory issues, life-hackers - those who want to maximize their productivity, urban dwellers who move frequently to new apartments and houses, IoT early adopters, and smart-home enthusiasts. Beyond the consumers listed above, Awair is really for anyone with a compatible smartphone device who wants to have control over their health, comfort and environment.

Purchase details

Awair begins shipping in November 2015. It will be available for \$199 per unit at getawair.com and Amazon. Awair is currently only available in the US and Canada.

Customer support

Support for your Awair is available by email at hello@getawair.com and at support.getawair.com.

Awair comes with 30-day refund policy and 1 year limited warranty.

4 FAQ



Q. What are the most common air quality hazards around us?

A. We spend 90% of our time indoors, breathing in air that's much denser than outside air. Air that dense can contain up to 300 harmful pollutants that are damaging to our bodies. The air inside your home may be polluted by lead (in house dust), formaldehyde, fire-retardants, radon, even volatile chemicals from fragrances used in conventional cleaners. Dust mites are a major allergen that the pet owners carry around on their clothes and shed throughout the day. Children, asthmatics, and the elderly may be especially sensitive to indoor pollutants, but other health effects may appear years later, after repeated exposure.

Q. How is Awair different from other air quality monitors?

A. Awair's sensing and monitoring technology ensures the highest level of accuracy among any commercially available air quality monitors. Also, Awair is the only product that focuses on providing solutions with actionable tips and personalized recommendations based on the user's input. It's much more than just sending alerts when the air is good or bad. Lastly, Awair is designed to become the hub of the indoor comfort. Awair's API and server can communicate with other smart devices and process massive amount of data.

Q. How secure is Awair?

- A.** We respect your privacy! All information is private and visible only to you and people in your inner circle who you specifically invite to see it. Any data available through the API is abstracted so that an individual's information is never visible to the public. Awair encrypts and stores all information over TLS (Transport Layer Security) and AES 256 bit encryption to ensure security. The additional requirement of a passcode (pin) in the setup process enables a higher level of security.

Q. How can I reset Awair?

- A.** If you would like to connect to a different Wi-Fi network or if a connectivity issue doesn't resolve automatically, you should reset the device. On the back side of the device, there is a reset button right next to the power connector, in a vent hole. Press it firmly and hold for 10 seconds until you see a new passcode and blue LED on the display of the device.

Contact

For all inquiries, please contact us at hello@getawair.com. For members of the media, you can download our press kit at www.getawair.com/presskit.zip.

[Online USER GUIDE](#)

[Online TROUBLESHOOTING](#)

[Online FAQ](#)

