

# SQUAIR Lite

## Indoor Air Quality Monitor

Know your harmful air pollutants with a smart indoor air quality monitoring device.

PM10

PM2.5

PM1

CO<sub>2</sub>

TVOCs

Temperature

Humidity



## Qualitative Features

Squair Lite supports global indoor air quality standards, including WHO, US EPA, and is ideal for meeting certifications like LEED, WELL, and BREEAM. Accurately measuring key pollutants in real time it helps ensure healthy indoor environments in homes, schools, offices, healthcare spaces, and green-certified buildings.



Continuous Monitoring



Wifi Connectivity



Hue Light



Mobile App & Dashboard



Cloud Storage



Email Alert



AQI Device Control Center



Wall & Ceiling Mounting



Data on TV application



# Sensor Specifications

Parameters	Sensor Type	Range	Resolution	Accuracy
PM10, 2.5 and 1	90° Light Scattering	0 to 999 µg/m <sup>3</sup>	1 µg/m <sup>3</sup>	±10% up to 150µg/m <sup>3</sup> ; ±15% above 150µg/m <sup>3</sup>
Temperature	RTD	-40 to 70 °C	0.1°C	±0.3°C
Relative Humidity	Capacitive	0 to 100% RH	0.1% RH	±2% RH
Carbon Dioxide (CO <sub>2</sub> )	NDIR	0 to 5000 ppm	1ppm	±3% or ±50ppm
TVOCs	MEMS	0 to 65ppm	10ppb	±3%

## Compliance With WELL, LEED and ASHRAE Standards



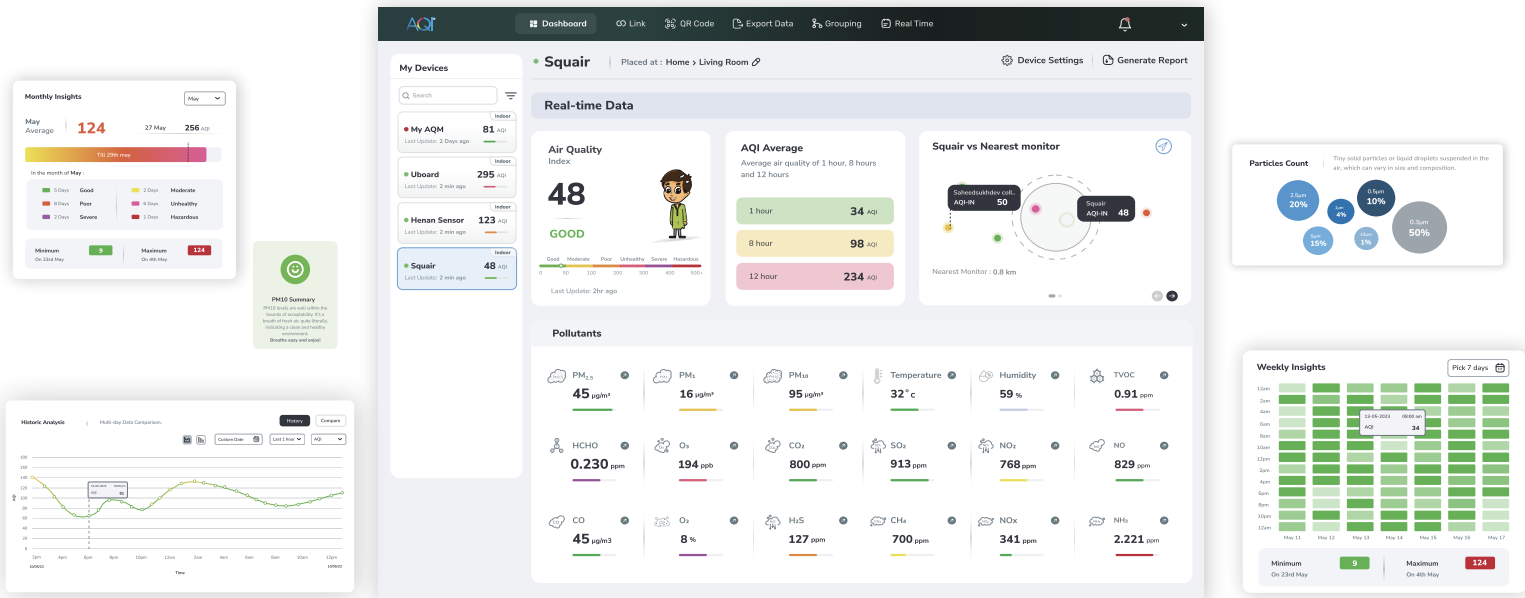
Standard	PM2.5 Limit	CO <sub>2</sub> Limit	Sensor Type	Range
WELL v2 (A01)	≤ 15 µg/m <sup>3</sup>	≤ 1,000 ppm	Laser-based PM2.5 sensor + NDIR CO <sub>2</sub> sensor	PM2.5: 0–500 µg/m <sup>3</sup> CO <sub>2</sub> : 0–5,000 ppm
WELL v2 (A05)	≤ 10 µg/m <sup>3</sup>	≤ 800 ppm	Laser-based PM2.5 sensor + NDIR CO <sub>2</sub> sensor	PM2.5: 0–1,000 µg/m <sup>3</sup> CO <sub>2</sub> : 0–5,000 ppm
ASHRAE 62.1	No limit	~1,100 ppm (700 ppm above outdoor)	Laser-based PM2.5 sensor (optional) + NDIR CO <sub>2</sub>	PM2.5: 0–500 µg/m <sup>3</sup> (if used) CO <sub>2</sub> : 0–5,000 ppm
LEED v4.1	≤ 15 µg/m <sup>3</sup>	Monitor & alert at >1,000 ppm	Laser-based PM2.5 sensor + NDIR CO <sub>2</sub> sensor	PM2.5: 0–500 µg/m <sup>3</sup> CO <sub>2</sub> : 0–5,000 ppm

## Device Specifications

<b>Power Supply</b>	<b>Housing</b>	<b>Operating Temperature</b>	<b>Mobile App</b>
12V DC	ABS	-10 °C to 60 °C	AQI
<b>Cloud Storage</b>	<b>Dimension</b>	<b>Operating Humidity</b>	<b>Web Dashboard</b>
Yes	12x12x3cm	0-95% RH	aqi.in
<b>Weight</b>	<b>Connectivity</b>	<b>In the Box</b>	<b>Hue Light</b>
227g	Wi-Fi(2.4Ghz)	SQUAIR, Cable, Screws	Yes

# Web Dashboard

Get the real-time air quality data on your device. Know the air quality with various features such as link generation, device grouping, device alerts, data export etc.



## Dashboard Features



### Link Generation

Easily generate a secure, link to give others real-time access to your monitor's data, **no login required**. Perfect for teams, reports, or public sharing.



### Scan the QR

Display a unique QR code on the **dashboard or device**. Anyone can scan it to instantly view real-time air quality data on their smartphone or browser.



### Parameter Specific Data

Filter and view air quality data by **specific parameters** (like PM2.5, CO2, VOCs, etc.) to analyse trends, compare readings, or focus on targeted insights.



### Set Device Alerts

Customize **alert thresholds** for each parameter. Get notified via email or in-app when air quality levels exceed safe limits, ideal for proactive health and safety.



### Export Data

Download historical data in multiple formats (**CSV, Excel, PDF**) for reports, research, or compliance documentation — on demand or schedule.



### Group Your Devices

Manage multiple devices across locations with grouped dashboards. **Compare data**, organise by project, and streamline monitoring across your network.

Make informed decisions with easy access to in-depth analysis of air quality

# Data Accessibility

Easily access real-time air quality data across multiple platforms, including mobile apps, web dashboards, TV App or displays of any size for seamless monitoring anytime, anywhere.



AQI Web Dashboard, Mobile App and TV Application



AQI TV  
(www.aqi.tv)



AQI Dashboard  
(www.aqi.in)



AQI Mobile App  
(www.aqi.app)

## Global Project Partners



And Many More



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