

# Air Quality Monitor

Track changes in air quality levels and take proactive steps to improve your surroundings.

Brochure 





# Prana Air

## About Us

Prana Air is a leader in the field of air purification and monitoring, driven by a commitment to innovation and sustainability. With a vision for a future where clean air is a fundamental right, we bring you state-of-art technologies that redefine the standards of air quality.

We are dedicated to delivering high-performance air purifiers and monitoring devices that go beyond mere filtration. Prana Air is committed to creating products that not only remove pollutant but also provide real-time insights of air quality around you.

Take the first step towards a healthier life. Explore our range of air purification and monitoring solutions tailored to your unique needs.

Breathe better, live better – with Prana Air.

 [www.pranaair.com](http://www.pranaair.com)

# Air Quality Monitor

The Prana Air's Air Quality Monitor is a potent device to measure air quality. Monitor the air quality and historical data with Wifi/GSM connectivity and advanced features.

Get the best device with a waterproof housing that makes it water resistant and protects from dust. Make the best decision on air pollution by getting accurate data insight.

## Parameters



PM1



PM2.5



PM10



Temp. & Humi.



Noise



TVOCs



# Product Specifications

Gain valuable insights of your surroundings with real-time monitoring capabilities.

The Device has two sensors, hence switching to a different PM sensor is simple.

Environmental factors and low air quality have an impact on PM sensors, which need to be changed. With the device, the PM sensor changing is not required.

Variants	PM Sensor
Model A	One PM Sensor
Model B	Two PM Sensors

## Battery

4000 mAh

## Display Size

3.5 Inches

## Connectivity

WiFi/ GSM

## Sample Flow Rate

0.3l/min

## Response Time

1 Second

## Power

DC Power Supply

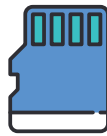


# Qualitative Features

The Air Quality Monitor has effective features that enhance its ability. It is designed to increase the reliability to get accurate insight into air quality. Check out the top features of the Device that make it much better at ensuring clean air:



Real-time  
data insights



Micro SD  
Card Storage



Mobile App  
& Dashboard



Cloud  
Storage



GPS  
Enabled



IP68  
Housing

## Technical Specifications

Product Name	Sensor Type	Range	Resolution	Accuracy
PM10, PM2.5 & PM1	90° Light Scattering	0 to 1000 $\mu\text{g}/\text{m}^3$	1 $\mu\text{g}/\text{m}^3$	0-150 $\mu\text{g}/\text{m}^3$ is for $\pm 10\%$ & for 150 $\mu\text{g}/\text{m}^3$ onwards is $\pm 15\%$
Temperature	Digital Sensor	-40 to 70 °C	0.1°C	$\pm 5^\circ\text{C}$
Humidity	Digital Sensor	0 to 100% RH	1% RH	$\pm 3\%$ RH
TVOC	PID	0 to 65ppm	10ppb	$\pm 3\%$
Noise	Noise	30-140dB	1dB	$\pm 3\%$

Real-time

# Data Display

Get accuracy and reliability as you delve into the realm of air quality monitoring. Our state-of-the-art technology empowers you with instant access to real-time data display, seamlessly integrated into the TV App and Web Dashboard.

**Prana Air**

PM2.5 : 0050	Temp : 24
PM1.0 : 0028	Humi : 57
PM10 : 0067	TVOC : 0.3
	Noise : 53

Data Storage

# Offline TF Card



Experience the convenience of offline data storage through a TF card. Seamlessly access historical data anytime, anywhere, ensuring that valuable insights are always at your fingertips.



Unparalleled

# Battery Backup

Experience outstanding performance with over 10 hours of battery backup. Ensuring continuous operation even without a power supply. Enjoy uninterrupted functionality, allowing the device to remain fully operational without the need for constant power.



POWER  
OUTAGE

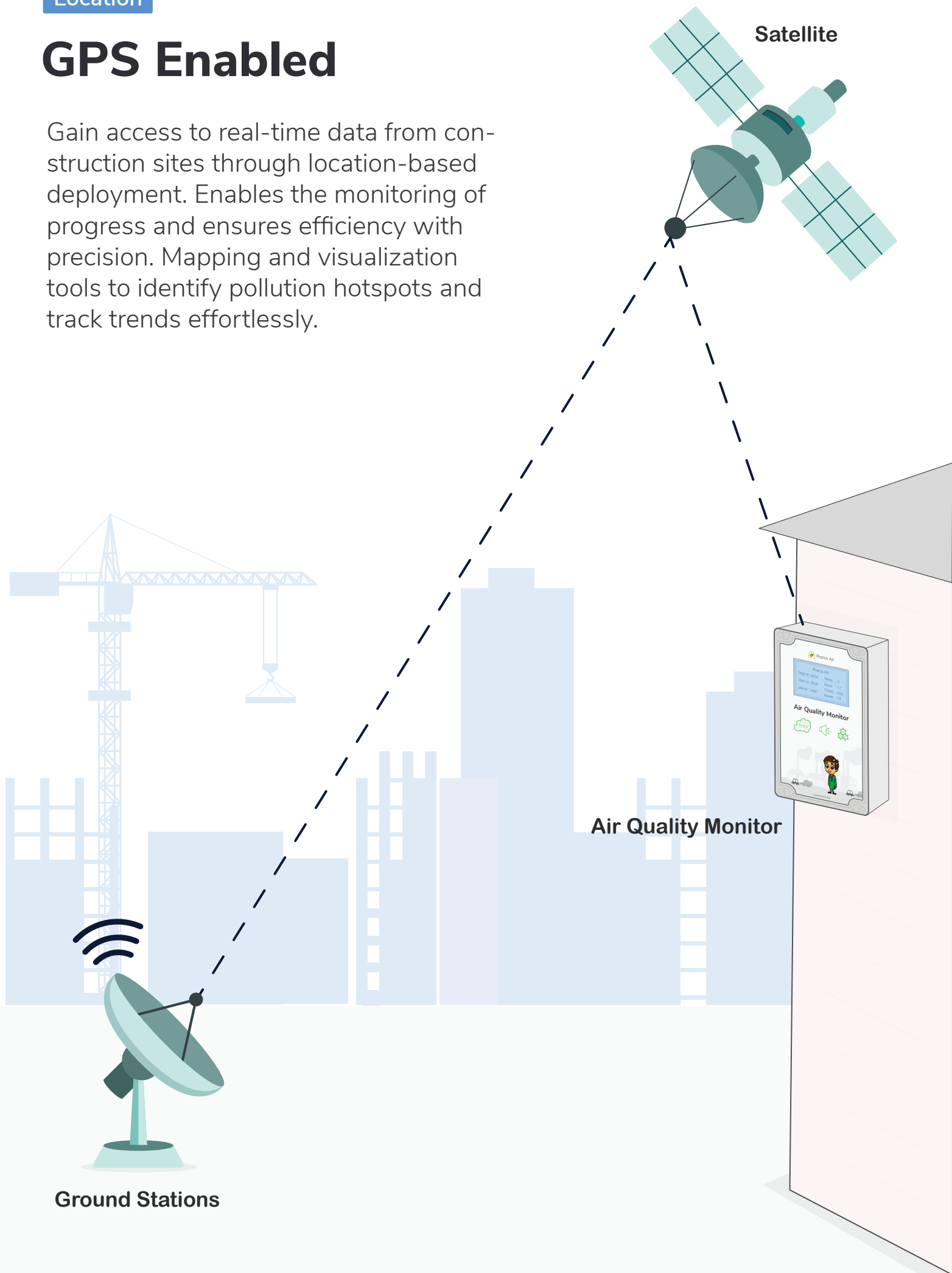


POWER  
OUTAGE

**Uninterrupted Performance :  
No Continuous Power Needed!**

# GPS Enabled

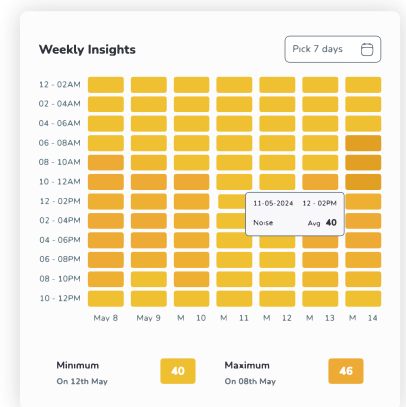
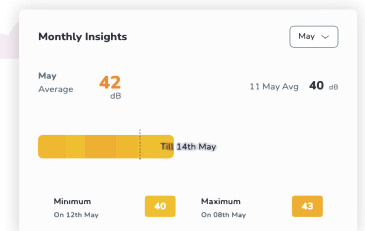
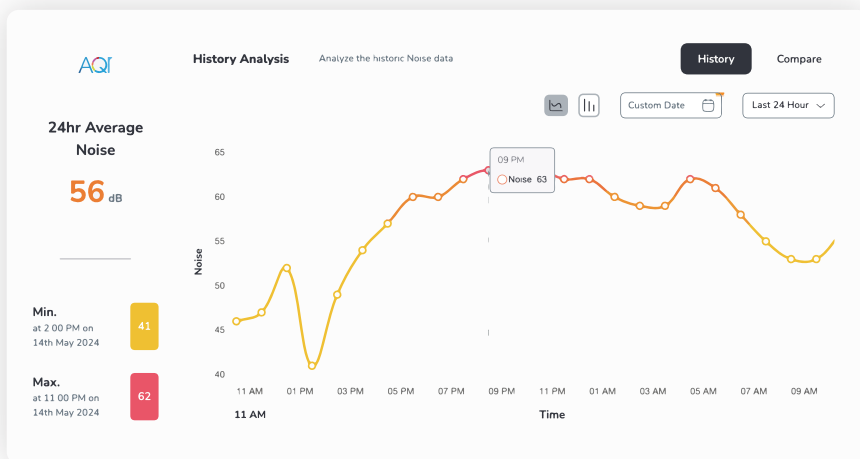
Gain access to real-time data from construction sites through location-based deployment. Enables the monitoring of progress and ensures efficiency with precision. Mapping and visualization tools to identify pollution hotspots and track trends effortlessly.





# Measuring Noise Levels

Our device enhanced the noise monitoring capabilities. Access real-time data on noise pollution, stay informed about current noise levels and take the needed action. Dive deeper into the data with access to historical records, weekly summaries, and trend analysis on noise pollution.



# Our Monitor vs. Ordinary Monitor

Discover the distinction between our monitors and ordinary monitors. As our monitor, where innovation meets excellence in air monitoring.

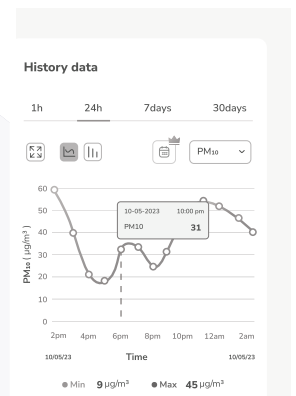
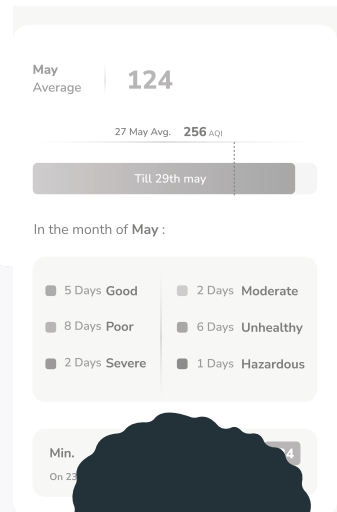
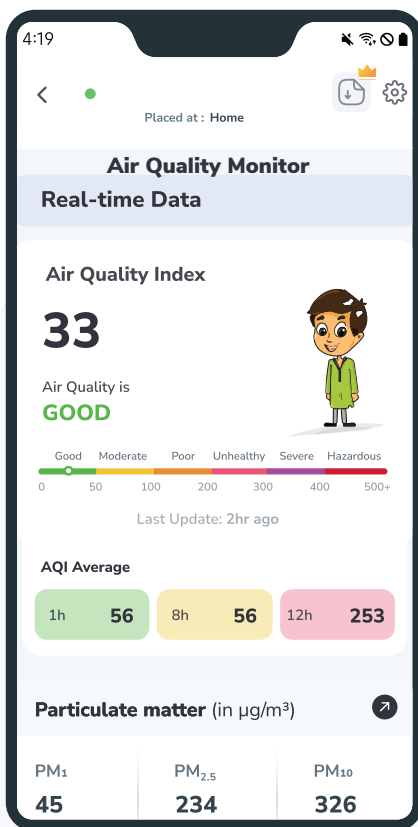
Basis	Prana air Air Quality Monitor	An Ordinary Air Quality Monitor
Measures	PM1, PM2.5, PM10, TVOC, NOISE, TEMP, AND HUMIDITY	PM1, PM2.5, PM10
SD Card and Cloud Storage	✓	✗
GPS Enabled	✓	✗
Battery Backup	✓	✗
App and Web Dashboard	✓	✗
IP68 Housing	✓	✗
Real-time Data	✓	✗

Prana Air has so far covered more than **200 construction sites** following state pollution control guidelines.

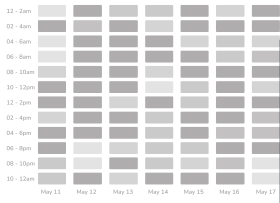
# AQI Mobile Application



Allows you to make well-informed decisions by providing real-time air quality data insight from anywhere by connecting your smartphone to your air quality monitoring device.



Weekly Insights



**My Devices** | **Squair** | Placed at: Home > Bedroom

20 Total Devices | Offline Devices: 15 | Online Devices: 5

### Real-time Data

**Air Quality Index**  
33  
GOOD

**AQI Average**  
The ultra-high definition color screen has high-precision sensors

- 1 hour: 56 AQI
- 8 hour: 43 AQI
- 12 hour: 53 AQI

**Squair vs Nearest monitor**  
Nearest Monitor: 0.8 km

**Pollutants**

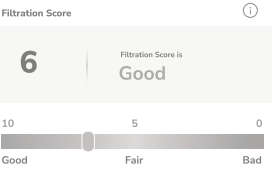
Pollutant	Value
PM <sub>10</sub>	76 µg/m <sup>3</sup>
PM <sub>2.5</sub>	76 µg/m <sup>3</sup>
Temperature	32° C
Humidity	59 %
TVOC	56 ppm
CO <sub>2</sub>	76 µg/m <sup>3</sup>
SO <sub>2</sub>	32° C
NO <sub>2</sub>	59 %
NO	56 ppm
H <sub>2</sub> S	76 µg/m <sup>3</sup>
CH <sub>4</sub>	32° C
NO <sub>x</sub>	59 %
NH <sub>3</sub>	56 ppm



**PM2.5 Summary**  
Hours in which the exposure is above the recommended WHO air quality guideline. Hours in which the exposure is above the

**PM10 Average**

Time	Average
1 hour	56 µg/m <sup>3</sup>
8 hour	43 µg/m <sup>3</sup>
12 hour	53 µg/m <sup>3</sup>



# AQI Web Dashboard

[www.aqi.in](http://www.aqi.in)

Access the data insights from your air quality monitoring device on this dashboard. Take advantage of features like a comparison of air quality and other amenities.



Link Generation and QR Code



Set alerts for your devices



Export your device data



Group your devices

# AQI TV Application



Use the AQI TV Application to access real-time, 24-hour air quality statistics on your TV. Get the best features to improve decision-making and insight.



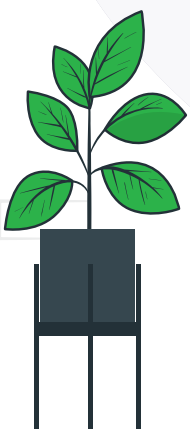
Choose from multiple themes



Compare air quality data



Control via AQI mobile app



# Let's do something amazing together

Begin your journey to a healthier life with our tailored air quality monitoring solutions.

## Get in touch



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