

2000+
Air Quality
Monitor Installed



India's Most Reliable

Air Quality Monitor for Construction Site Compliance

DELHI | MUMBAI | THANE | NAVI MUMBAI | PUNE | AHMEDABAD | HIMACHAL

Construction Dust is No Longer Ignored

Strict Air Quality Regulations for Construction Sites

Environmental authorities across India now mandate continuous monitoring of particulate pollution at construction sites. Developers are required to track **PM2.5 and PM10 levels** to reduce dust emissions and safeguard surrounding communities.

Failure to comply can lead to serious consequences that impact project timelines and costs.

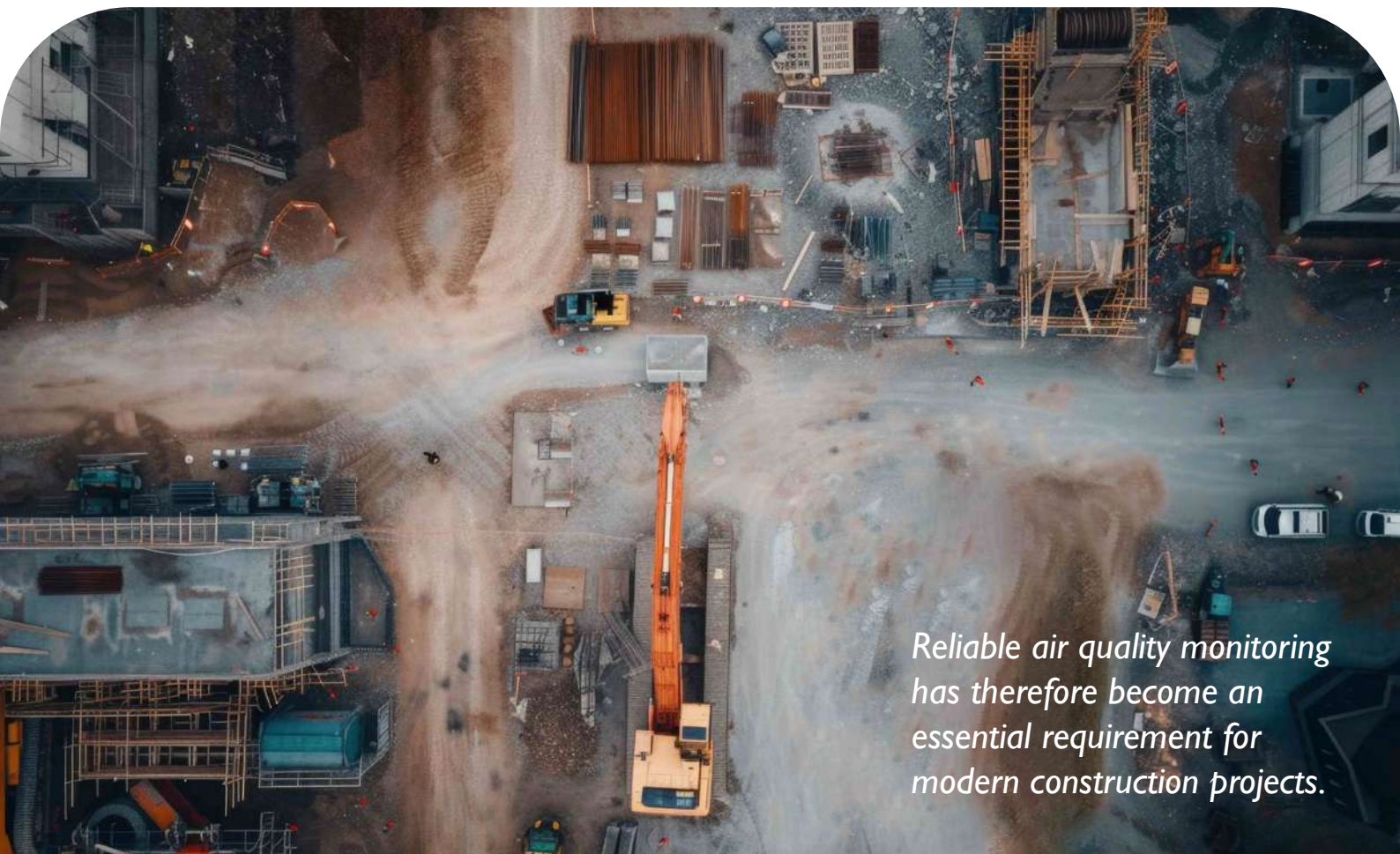
Non-compliance may result in:

Heavy financial penalties

Project delays and operational disruptions

Stop-work notices from authorities

Legal action or regulatory violations



Reliable air quality monitoring has therefore become an essential requirement for modern construction projects.

Construction Compliance

Monitoring & Display Requirements for Each City

Construction compliance is tightening across India, with increasing focus on real-time monitoring, surveillance, and data transparency.



Delhi / NCR
(DPCC | UPPCB | RSPCB | HSPCB)



- **Air Quality Monitor:** PM2.5, PM10
Noise, Temperature and Humidity
- **PTZ Camera:**
Entry/exit + dust zone
- **Live Data Integration with authorities**



Himachal Pradesh
(Stone Crushers)



- Stone crushers with capacity >100,000 tonnes/year
- **Air Quality Monitor:**
PM2.5, PM10
- **Live Data Integration with authorities**




Mumbai, Thane, Navi Mumbai
(BMC | TMC | NMMC)



- **Air Quality Monitor:** PM2.5, PM10
- **LED Display**
Size : 3×4 ft
Pitch : P6 or P10
- **Live Data Integration with authorities**

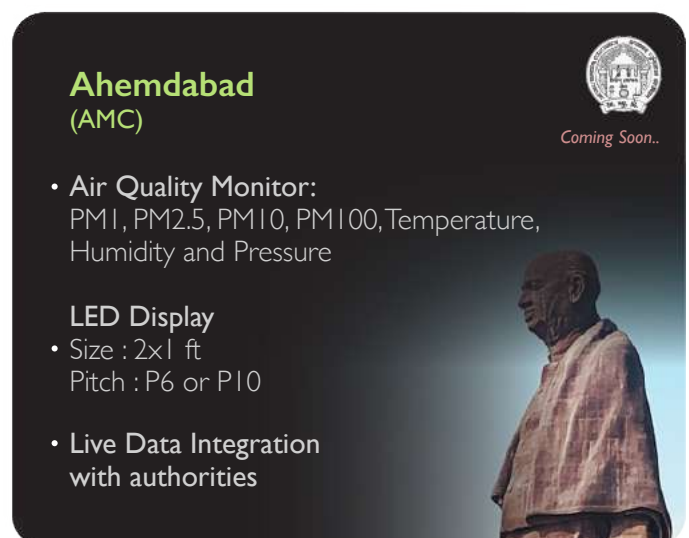


Pune
(PMC)




Coming Soon..

- **Air Quality Monitor:** PM2.5, PM10
- **LED Display**
Size : 1×1 ft
Shows dust severity using colors, based on 15-minute PM10 average
- **Live Data Integration with authorities**



Ahemdabad
(AMC)



Coming Soon..

- **Air Quality Monitor:** PM1, PM2.5, PM10, PM100, Temperature, Humidity and Pressure
- **LED Display**
Size : 2×1 ft
Pitch : P6 or P10
- **Live Data Integration with authorities**

Prana Air Ambient PM Monitor

Built for Construction. Engineered for Compliance.

The **Prana Air Ambient PM Monitor** delivers precise real-time monitoring of particulate pollution in outdoor environments. Designed for continuous operation, it helps construction companies track dust levels and maintain compliance with environmental regulations.

With advanced sensing technology and rugged outdoor design, the system ensures reliable monitoring throughout every stage of a project.



It can measure :



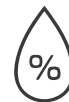
Air Quality Index (AQI)



Particulate Matter (PM1, 2.5 & 10)



Particulate Count (0.3, 0.5, 1.0, 2.5, 5.0, 10.0)



Relative Humidity



Air Temperature



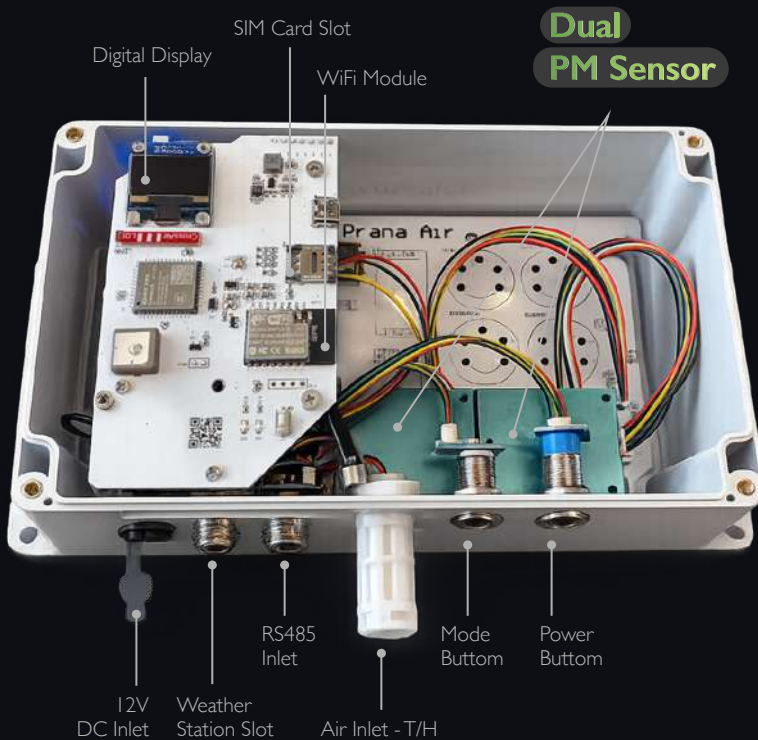
Dual PM Sensor Technology

Dust at construction sites isn't just high—it's harsh. Over time, it can impact sensor performance.

That's why we use Dual PM Sensors—so your monitoring continues without gaps.



**One sensor monitors.
Two guarantee uptime.**



The Outdoor PM Sensor is a compact, high-precision solution designed to monitor PM2.5 and PM10 in real-time.



Prana Air PM Sensor

Real Data. Real Control. Real Impact.

Power That Lasts. Data That Continues.

- Up to 24 hours backup
- Auto switch during power cuts
- Zero data gaps

20000 mAh battery backup ensures continuous operation during outages.



On-Site LED Display

Make Air Quality Visible



Flexible by Design

Roll it. Store it. Take it anywhere.

OPEN
Full Display. Maximum Impact.

ROLLED
Compact. Portable. Ready to Go.

Ultra-Lightweight

Only 1.5kg (vs. 40kg traditional units).



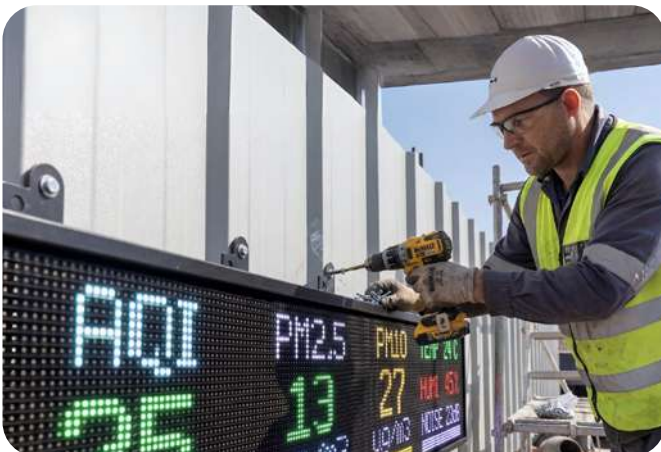
Cool to the Touch

LEDs that stay cool and save power.



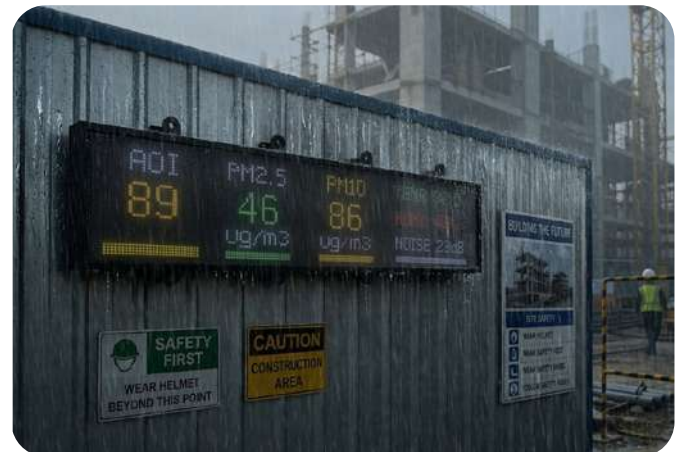
Rapid Setup

Quick hinge-mount for easy installation.



Weatherproof

Fully waterproof for reliable outdoor use.

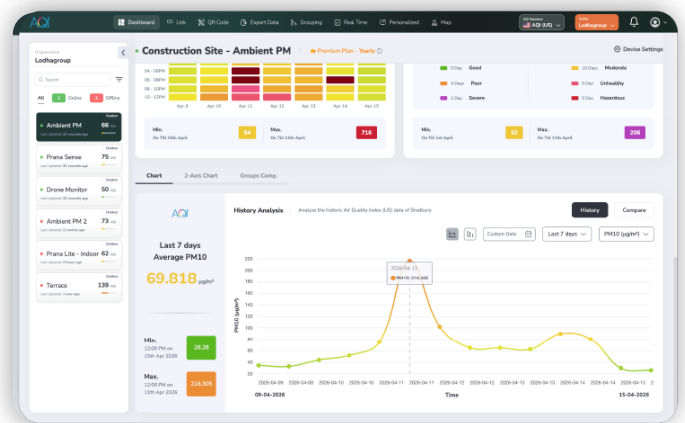
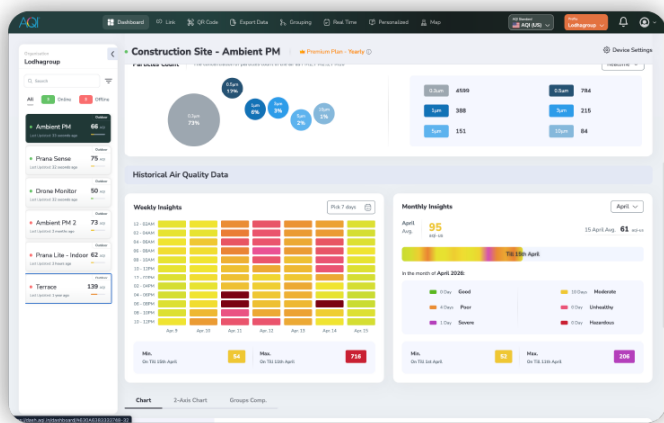


Real-Time Data Access and Cloud Dashboard


AQI App and Web Dashboard (aqi.in)


Monitor ambient air quality in real time through multiple platforms. Access data effortlessly via the mobile app (Android & iOS), web dashboard, or TV display.


Download
AQI Mobile App



 Real-time PM2.5 and PM10 monitoring

 Historical data analysis and reporting

 Alerts and automated notifications

 Multi-site monitoring from a single interface

Technical Specifications

Parameters	Sensor Type	Range	Resolution	Accuracy
PM10, PM2.5 & PM1	90° Light Scattering	0 to 1000µg/m ³	1 µg/m ³	±10% up to 150µg/m ³ ; ±15% above 150µg/m ³
Temperature	RTD	-40 to 70 °C	0.1°C	±0.3°C
Humidity	Capacitive	0 to 100% RH	0.1% RH	±2% RH
TVOC	MEMS	0 to 65ppm	10ppb	±3%
Noise	MEMS	30-130dB	1dB	±2-3dB

Product Specifications

Superior Technology. Superior Reliability.

Power Supply DC Power	Onboard Storage Micro SD Card	Dimension 24x12x7.5 (cm)
Connectivity Wifi/GSM/RS485	Cloud Storage Yes	Housing IP68
Display 1 inch (Approx)	Mounting Type Wall/Pole mount	Web Dashboard aqi.in
Battery 20,000 mAh	Weight 650g	Mobile App AQI
Operating Temp. -10 °C to 60 °C	Operating Humi. 0-95% RH	Data Export Yes



Trusted by India's Leading Developers



and many more

Integration with Existing Systems

We are proud to announce the successful integration of our Air Quality Monitoring API across multiple government platforms.

DPCC

Delhi Pollution Control Committee



HSPCB

Haryana State Pollution Control Board



RSPCB

Rajasthan State Pollution Control Board



UPPCB

Uttar Pradesh Pollution Control Board



HPSPCB

HP State Pollution Control Board



NMMC

Navi Mumbai Municipal Corporation



TMC

Thane Municipal Corporation



BMC

Brihanmumbai Municipal Corporation



AMC

Amdavad Municipal Corporation



PMC

Pune Municipal Corporation





Let's do something amazing together

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

CONTACT US



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