

# aethair PRO

Custom Industrial Air Quality Monitoring









# Professional Air Monitoring

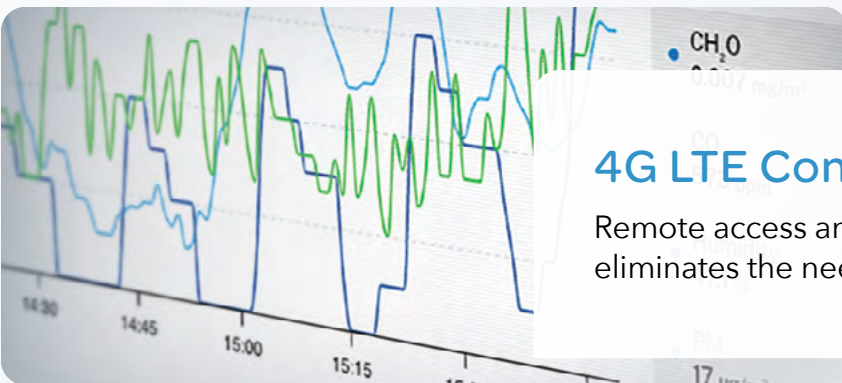
Aethair PRO delivers industrial-grade air quality monitoring with custom sensor configurations, secure connectivity, and AI-powered analytics. Built for indoor and outdoor use, it provides reliable, real-time data that supports compliance, safety, and operational decisions.

**Real data. Real insight. Actionable outcomes.**



## Customizable Sensor Setup

Hot-swappable, pre-calibrated cartridges that allow customized monitoring that fits your application.



## 4G LTE Connectivity

Remote access and continuous connectivity that eliminates the need for local networks and site visits.



## AI Analysis & Reports

Quickly generate custom environmental data reports in seconds, and ask questions for instant AI insights.

# Customizable Configuration

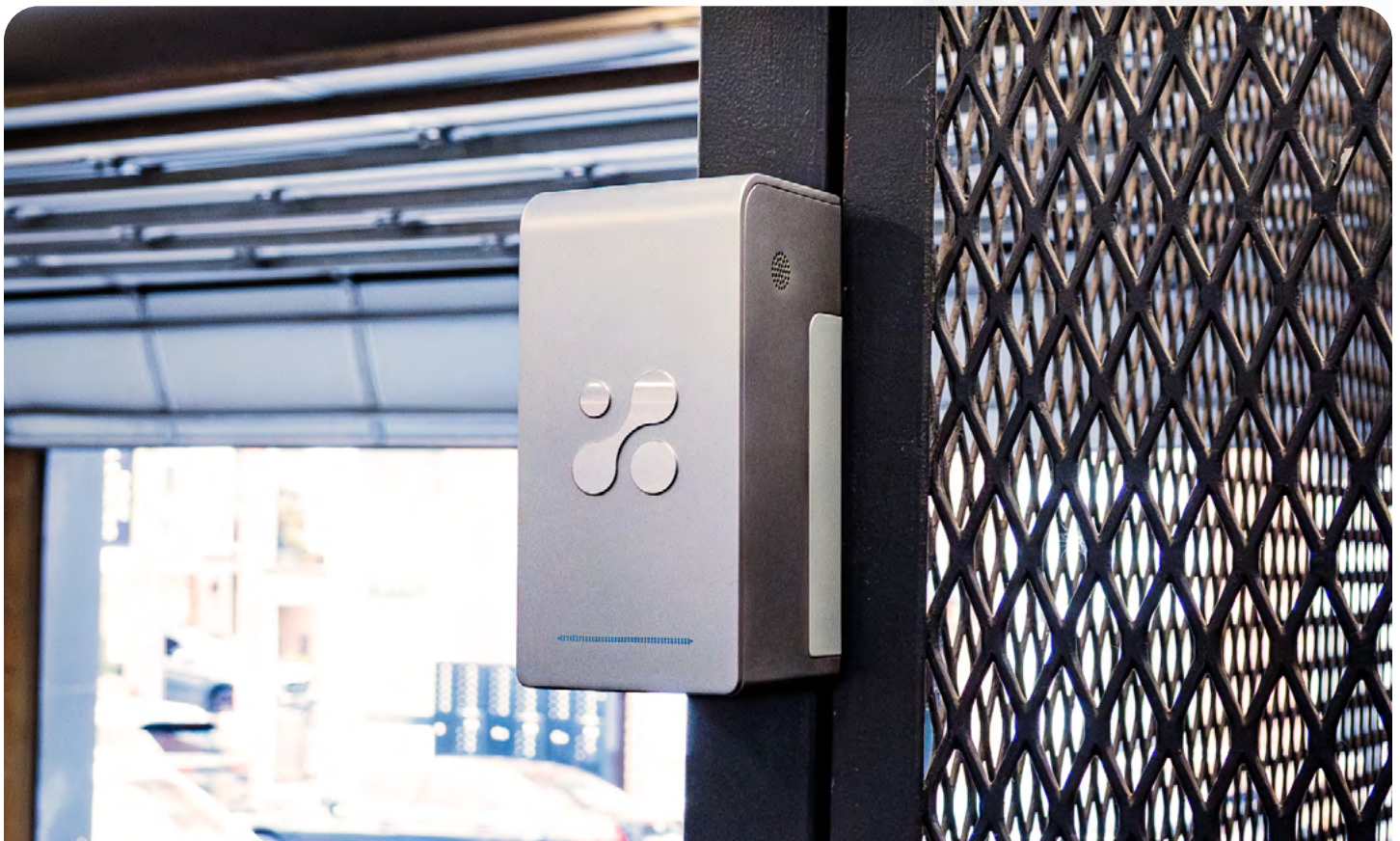
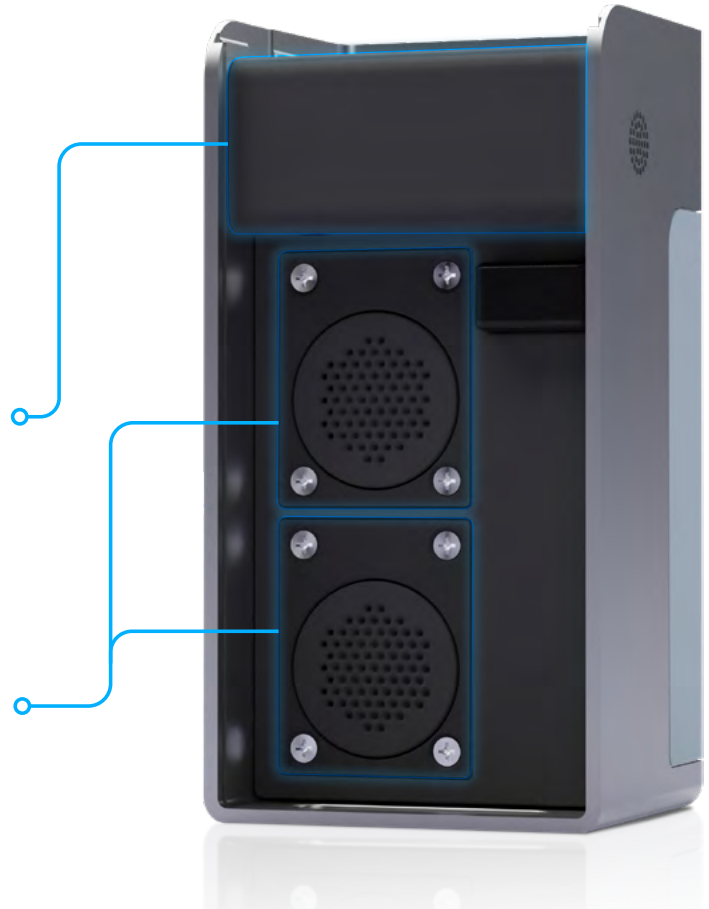
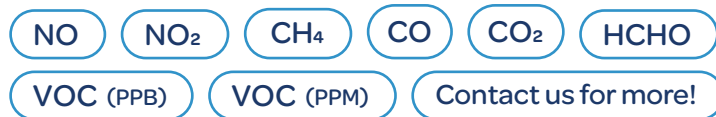
Professional-grade monitoring, built for adaptability. With hot-swappable gas sensors and indoor or outdoor operation, Aethair PRO delivers real-time data and verified compliance no matter the application or use-case.

## Built-In Sensors



## Gas Sensors

Choose two gas sensors to include in your setup.







# Generate Reports in Seconds

Create customizable air quality reports in seconds, schedule automated reports, and simplify your reporting process. Quickly organize data, visualize trends, and even configure reports to align with institutional standards and regulations. Aethair Reports deliver clear, actionable insights that save time and support data-driven decisions.

## Scheduled Reports

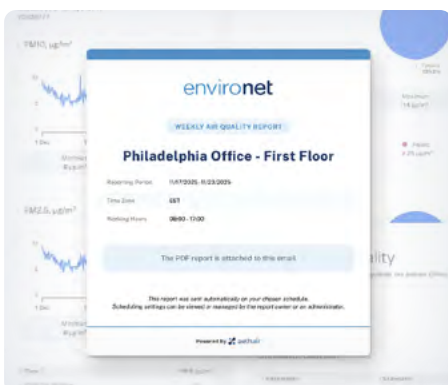
PDF reports automatically delivered to your inbox each day or week.

## Data Summaries

Clear breakdowns with per-device summaries, timelines, and alerts.

## Extended Analysis

Deeper per-device analysis with graphs and detailed data tables.

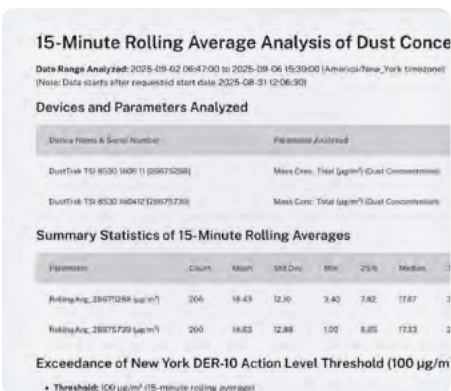


# environet | Data Monitoring & Management

Environet is Aethair's cloud platform for real-time environmental data management and analysis. Trusted by enterprises worldwide, it provides secure access to live and historical data, turning it into report-ready intelligence that supports compliance, trend analysis, and actionable decisions.

## AI-Powered Analytics

Turn complex data into insights. Ask questions, analyze large datasets, and simplify compliance



## Compliance Made Simple

Quickly generate custom, professional reports. Aethair makes reporting simple, accurate, and fast.



## Active Risk Management

AI insights, analytics, and real-time alerts identify risks early. Visualize trends, anticipate issues, and act fast.



## Transforming Environmental Data

Environet is an advanced platform for monitoring and managing environmental data, connecting data, alerts, analytics, and reports into a single workflow so teams can act before issues escalate. Users can track parameters, visualize trends, and review full historical records for any device.

- › 24/7 access to real-time conditions
- › AI analysis and reporting tools
- › Trend visualization for critical environments
- › Customizable alerts for safety thresholds



aethair PRO | Technical Specifications

General		Input Voltage	5 - 24 VDC, 110-240 VAC	
		Power	0.6 Watt   Built-In Battery & Charger	
		Alerts	Visual and Audio	
		Operating Temperature	-30 °C to 75 °C ( -22 F to 167 F)	
		Accelerometer	16g (13-bit resolution)	
		Dimensions (LxWxD)	4.5in x 9.625in x 4.5in	
		Weight	1.72 Lbs (0.78 kg)	
		Certifications	CE, FCC	
Basic Gas Sensors	CO Basic	Range	0 - 1000 ppm	
		Resolution	1 ppm	
	CO2 Basic	Range	400 - 5000 ppm	
		Resolution	1 ppm +/- 45 ppm accuracy	
	COMING SOON MultiSense Module CO, HCHO, Etoh	Range	CO 0-1000 ppm   HCHO 0-20 ppm   EToH 0-1000 ppm	
		Resolution	CO .5 ppm   HCHO .02 ppm   EToH .5ppm	
Advanced Gas Sensors	CH4	Range	50 - 1,000,000 ppm, 0 - 100% by vol.	
		Resolution	1 ppm	
	NO2	Range	0 - 20 ppm	
		Resolution	1 ppb	
	MiniPID - PPM	Range	0 - 4000 ppm	
		Resolution	.01 ppm	
	MiniPID - PPB	Range	0 - 20 ppm	
		Resolution	1 ppb	
	COMING SOON CO	Range	0 - 1000 ppm	
		Resolution	1 ppb	
	COMING SOON NO	Range	0 - 20 ppm	
		Resolution	1 ppb	
	COMING SOON CO2	Range	400 - 5000ppm	
		Resolution	1 ppm	
*Additional sensors can be included based on the application				
Dual Laser Particle Sensor		Size Range	PM1, PM2.5, PM10, TSP	
		PM2.5, PM10    Effective Range	0~1000µg/m³	
		PM2.5, PM10    Maximum Range	≥5000µg/m³	
		TSP    Effective Range	0~2000µg/m³	
		TSP    Maximum Range	≥10000µg/m³	
		Particle Resolution	1µg/m³	
Environmental Sensors	Temperature	Range	-20 - 70 °C	
		Resolution	0.1 °C	
		Maximum Error	±0.5 °C	
	Humidity	Range	0 - 90% RH	
		Resolution	0.1 %RH	
		Maximum Error	±2 %RH	
	Barometer	Range	300-1100 hPa	
		Optional differential pressure sensors	Resolution	±0.12 Pa
		Maximum Error	±1.3 Pa	
	Ambient Light Sensor	Effective Range	0 to 10,000 lumen	
Noise Level Sensor	Range	40 - 120 db		
	Digital MEMS w/o preamp	Resolution	1 db	
Communications		Cellular	4G LTE / 3G / 2G	
		WiFi	803.11 b/g/n	
		Bluetooth	Bluetooth 4.0	
		Mesh	Zigbee	
		GPS	A-GPS	
		Antenna	Built-in	
		SIM Card	Built-in	

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## How can we help?

If you would like to find out more about how we can help you, please give us a call or send us an email.

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