



SMART OUTDOOR

AIR QUALITY MONITOR

An intelligent smart outdoor air pollution monitor to keep a tab over the air you breathe.

“Know what you breathe”

Introduction

PureLogic Labs is our venture which was founded in 2017 wherein we render personalized solutions to innovative ideas for discrete environmental problems. The company came into existence to increase awareness about the growing levels of air pollution which have reached an alarming stage in India.

We have two separate divisions which come under Pure Logic Labs, that is **AQI** and **Prana Air**.



Trusted by



Introducing

Smart Outdoor Air Quality Monitor

Our Ambient Air Quality Monitoring device is where your search stops if you are looking to quantify the concentration and impact of air toxins at an outdoor location. The user can accurately monitor all primary air pollutants and toxic gases simultaneously!

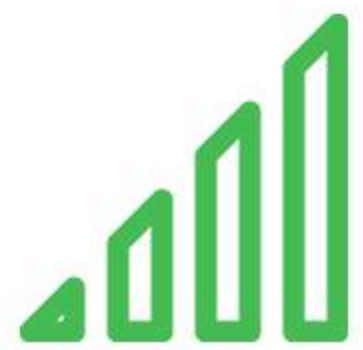
The monitor comes with *RS-485 (MODBUS)* / *GSM* (optional) and *Micro-SD card storage* which enables the user access real-time and historic data through multiple devices via *AQI India dashboard* anytime, anywhere.



Smart Outdoor

Qualitative Features

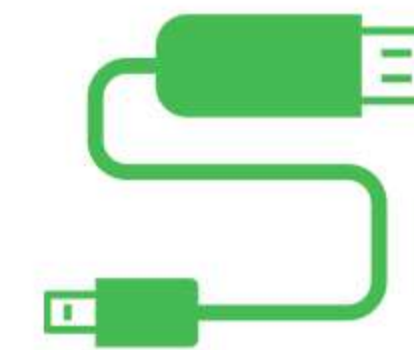
An intelligent outdoor monitor to keep a tab over the air you breathe outdoors.



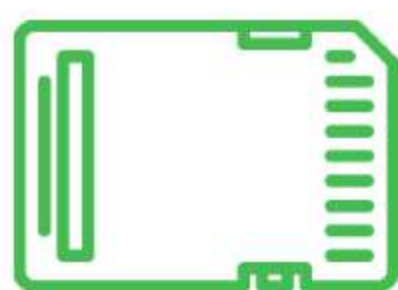
RS-485 and
GSM (optional)



Detects
Toxic Gases



Micro-USB
Cable



Micro SD
Card Storage

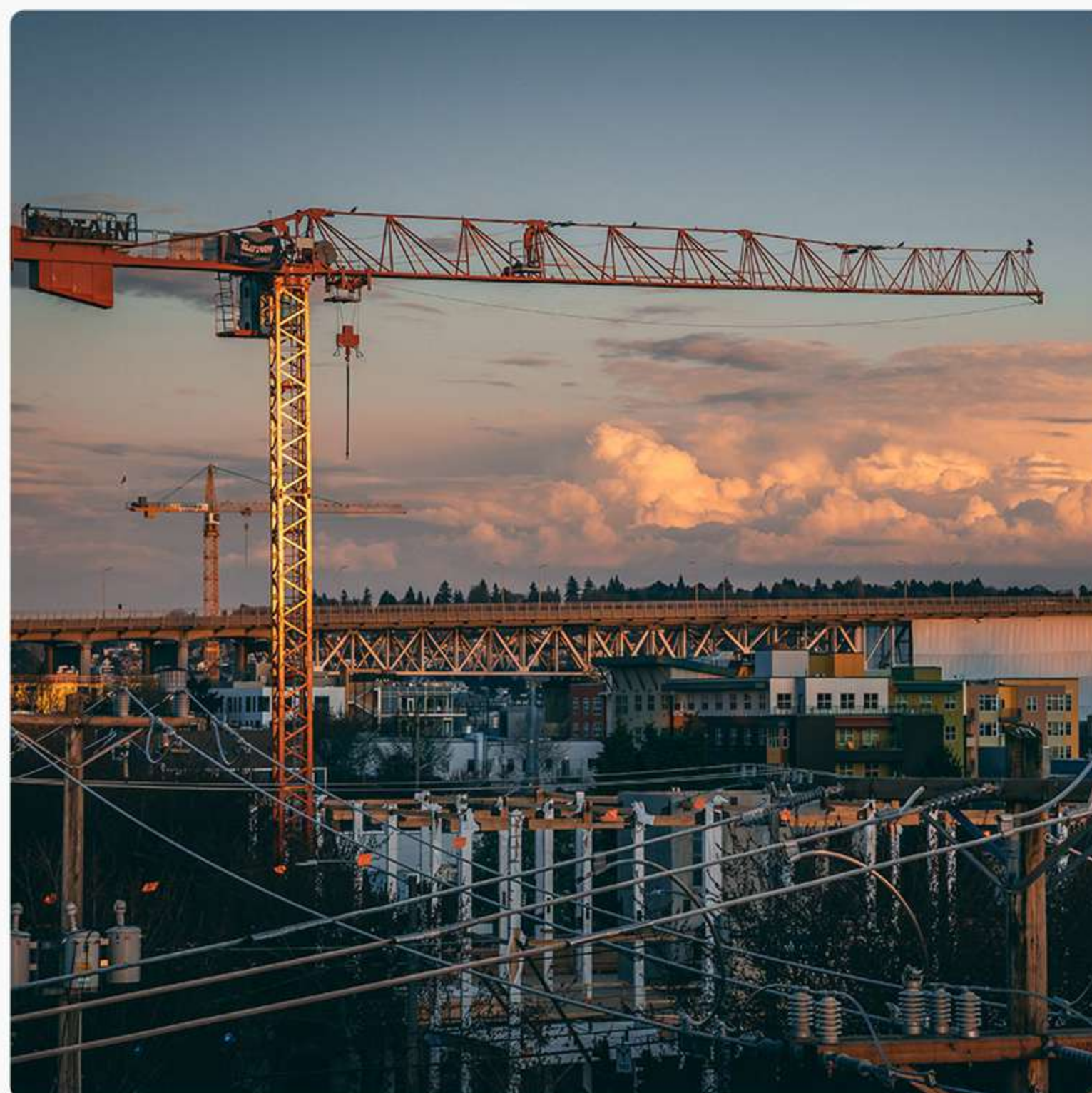
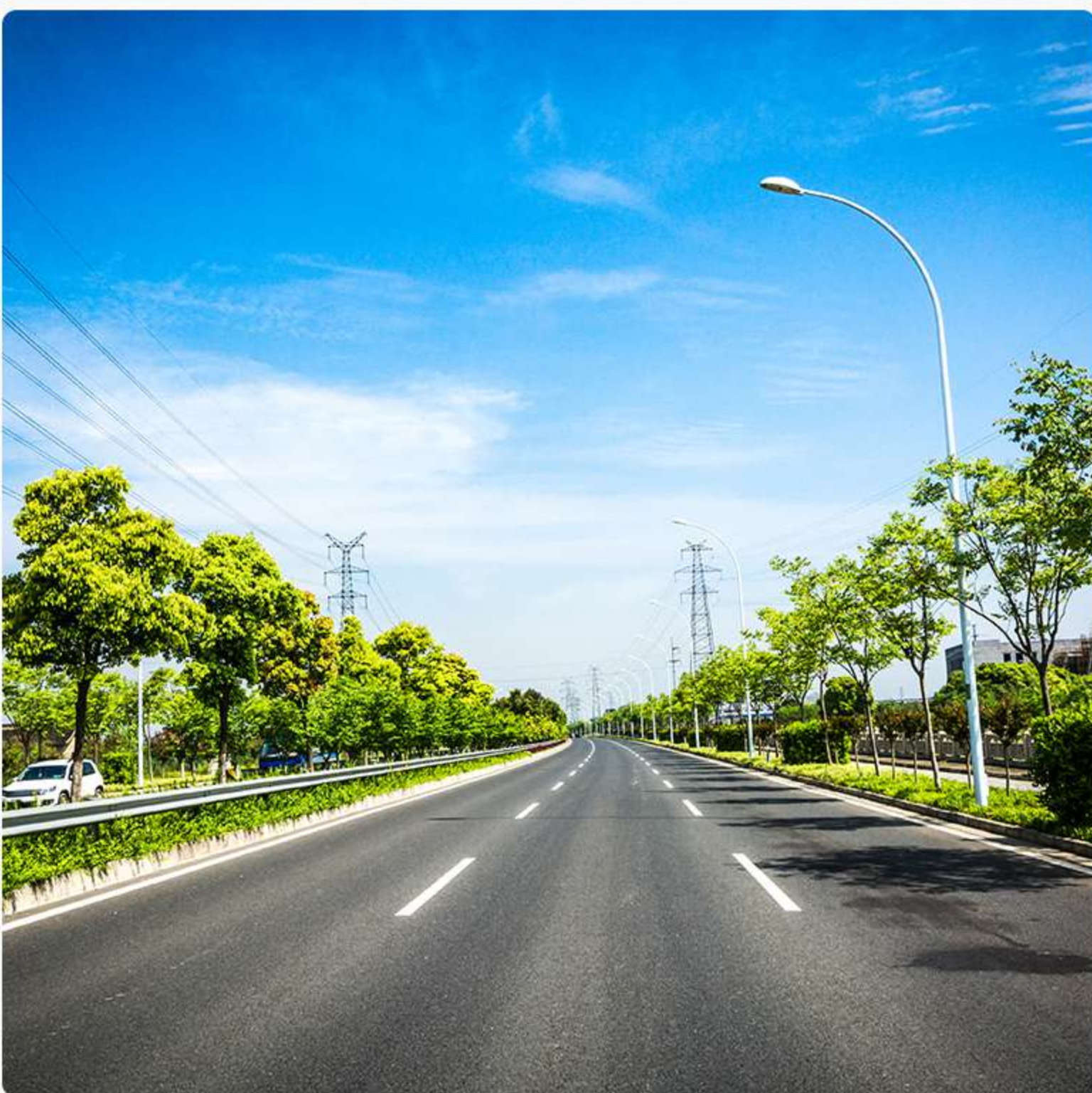
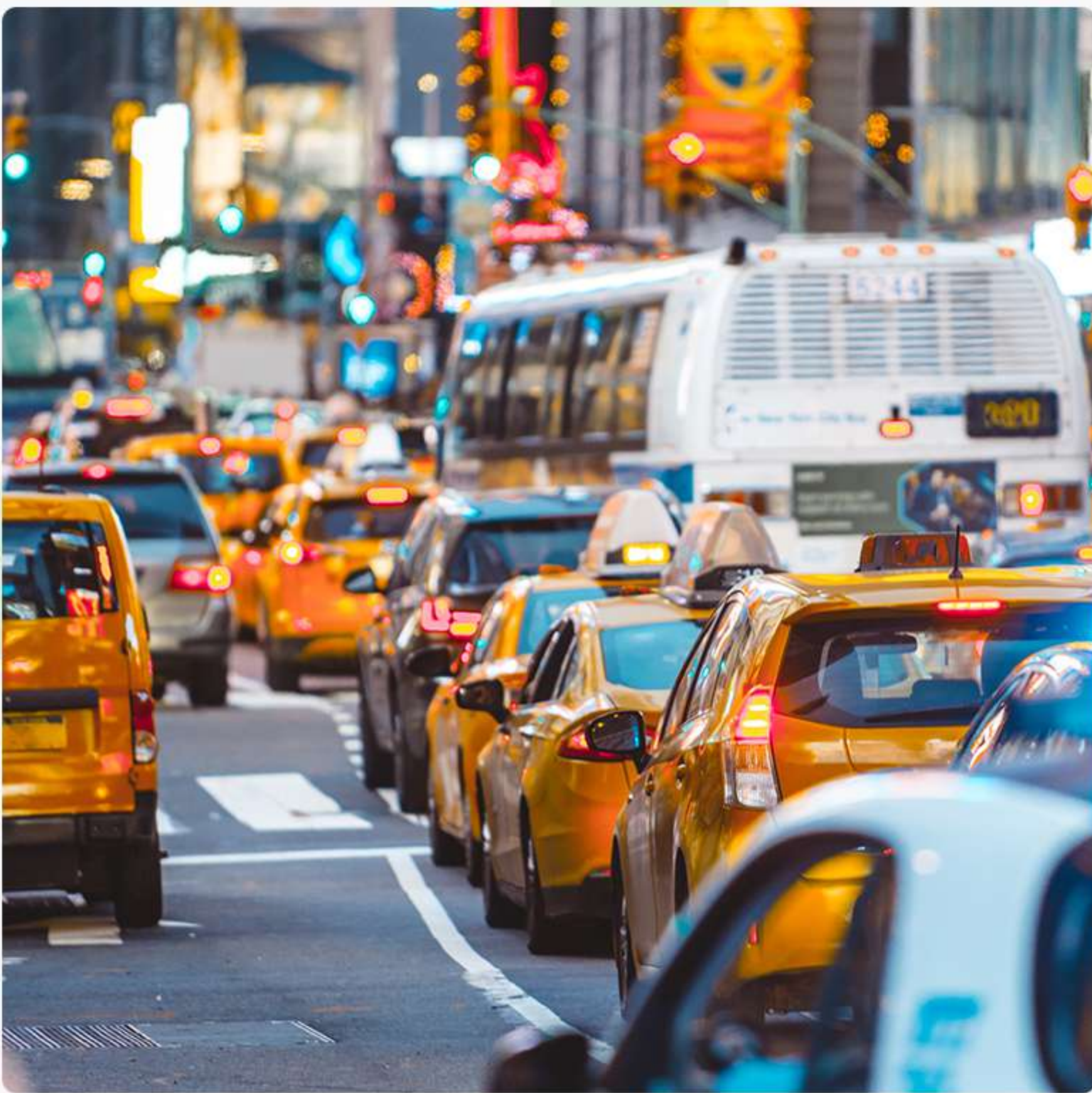


Battery
(optional)



Interactive
Dashboard

“Know what you breathe”



Designed to be discreet

With a minimalistic design and aesthetical design, Smart outdoor is tailor-made for commercial, industrial, and research-based applications. It flexibly blends with any outdoor environment- Construction sites, Airports, Railways, Highways, Traffic junction and more.

Technical Specifications

Parameters	Sensor Type	Range	Resolution	Accuracy
PM10, PM2.5 & PM1	90° Light Scattering	0 to 2000µg/m³	1 µg/m³	0-150 µg/m³ is for ±10% & for 150 µg/m³ onwards is ±15%
Carbon Dioxide (CO ₂)	NDIR	1 to 10000ppm	1ppm	±3%
Nitrogen Dioxide (NO ₂)	Electrochemical	0 to 20ppm	1ppb	±3%
Carbon Monoxide (CO)	Electrochemical	0 to 1000ppm	1ppb	±3%
Sulphur Dioxide (SO ₂)	Electrochemical	0 to 100ppm	1ppb	±3%
Ozone (O ₃)	Electrochemical	0 to 20ppm	1ppb	±3%
Nitric Oxide (NO)	Electrochemical	0 to 20ppm	1ppb	±3%
TVOC	MOS	0 to 65ppm	10ppb	±3%
Hydrogen Sulphide (H ₂ S)	Electrochemical	0 to 100ppm	1ppb	±3%
Noise	Digital Sensor	30-140dB	1dB	±3%
Temperature	Digital Sensor	-40 to 70 °C	0.1°C	±5°C
Humidity	Digital Sensor	0 to 100% RH	1% RH	±3% RH

Smart Outdoor

Product Overview

Features	Description
Operating Temperature	-40°C to 70°C
Storage Tempervature	-30°C to 130°C
Dimensions	28X18X8cm
Weight	2 Kg.
Power Supply	12V DC
Voltage	230V
Storage	Micro SD Card Storage + Cloud Storage <i>(with AQI Dashboard)</i>
Connectivity	RS-485 (MODBUS)/ GSM (optional)
Web Dashboard	Live web dashboard for remote data access
Mobile App	AQI INDIA <i>(available on ios and android)</i>
Battery	Optional





CONTACT US

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