![Prana Air logo] Prana Air

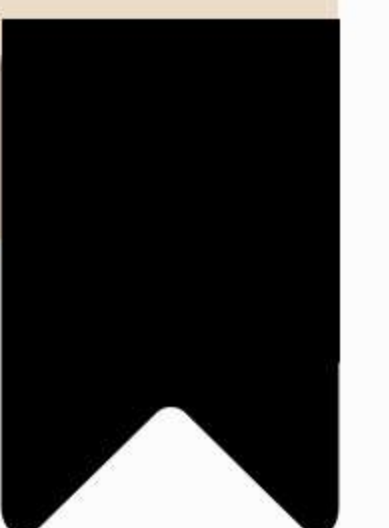# SQUAIR

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

Section
Contents

Prana Air

Get to know

SQUAIR

Now you can be rest assured with our Indoor Air Quality Monitors that will help you to track the real time indoor air quality. Our products are cost effective and they display data with highest precision.
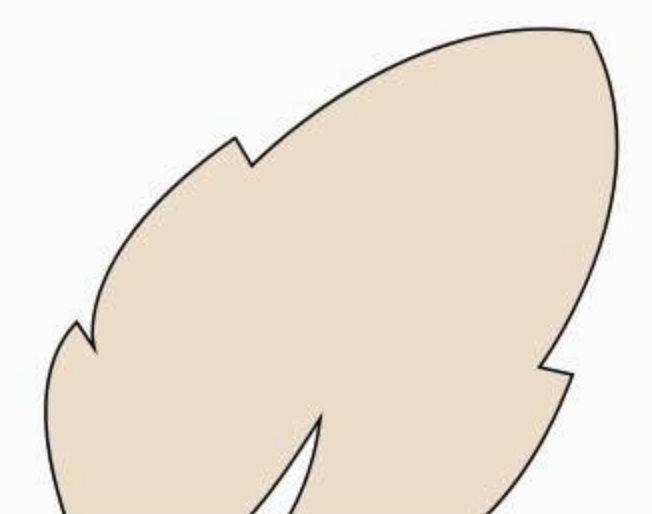
- PM10
- PM2.5
- PM1
- TVOC
- HCHO
- CO$_2$
- Temperature
- Humidity

Prana Air

Product
APPLICATIONS

Our products come with a wide variety of applications where IAQ is necessary to monitor.

Home

Hospitals

Schools

Monitor will help to know the real time AQI. Breathing good air quality will help in preventing health hazards such as heart and respiratory diseases, breathing difficulties, asthma.

Airports

Continuous tracking of AQI will help identifying areas with moderate AQI. The moderate AQI will lead to mild health effects like eyes, nose and throat irritation, skin rashes and itching, flu like symptoms.

Offices

Restaurants

Breathing bad air quality will cause respiratory illnesses. The problems such as breathing difficulty, emphysema, asthma, coughing, wheezing and irritation in airways are experienced.
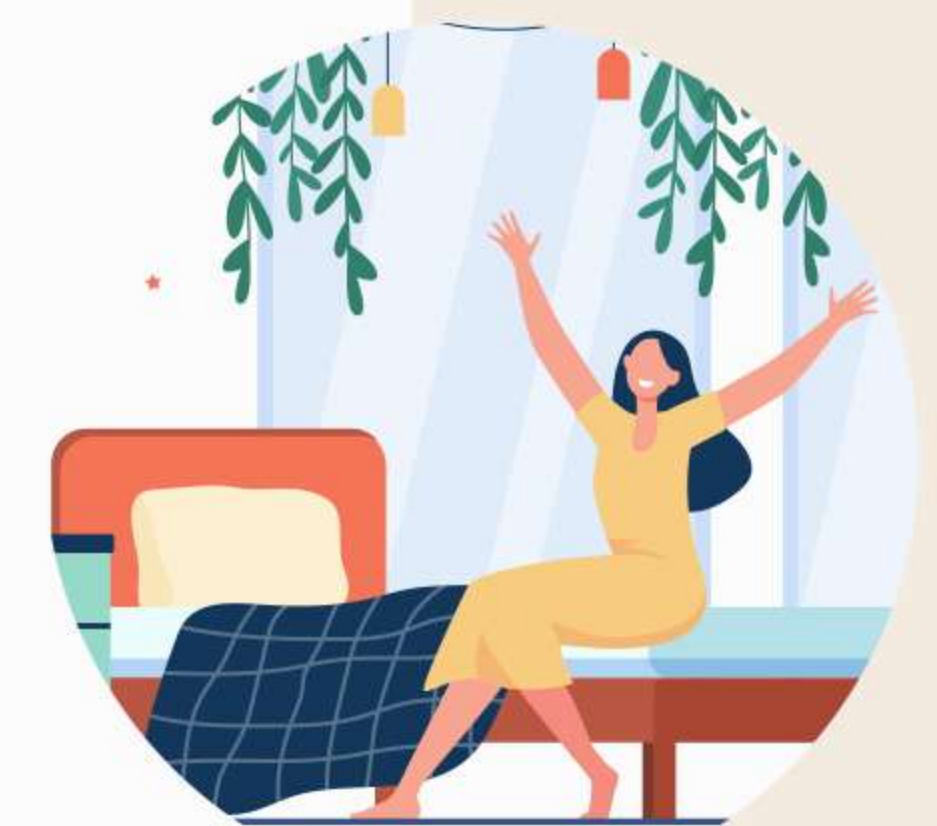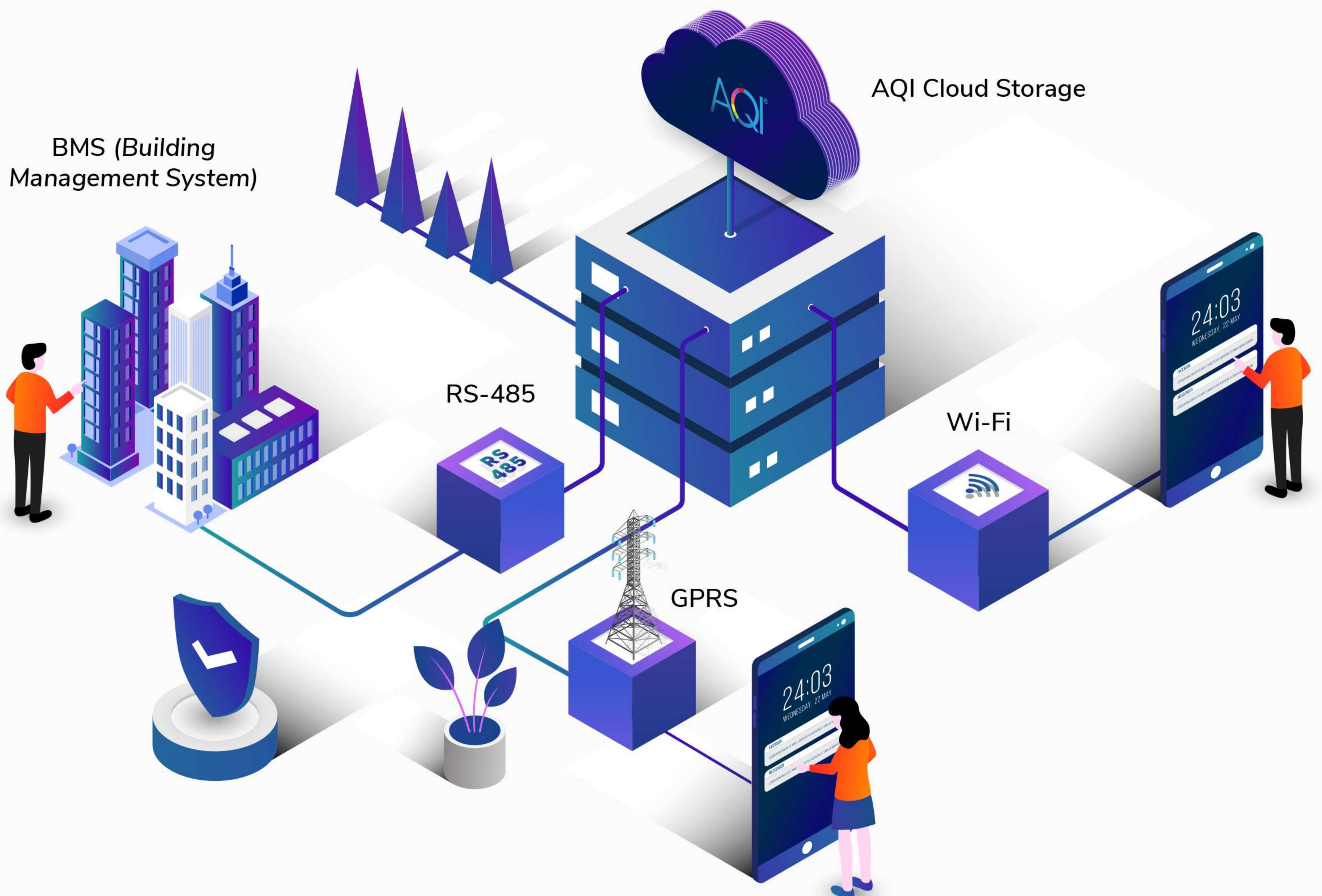
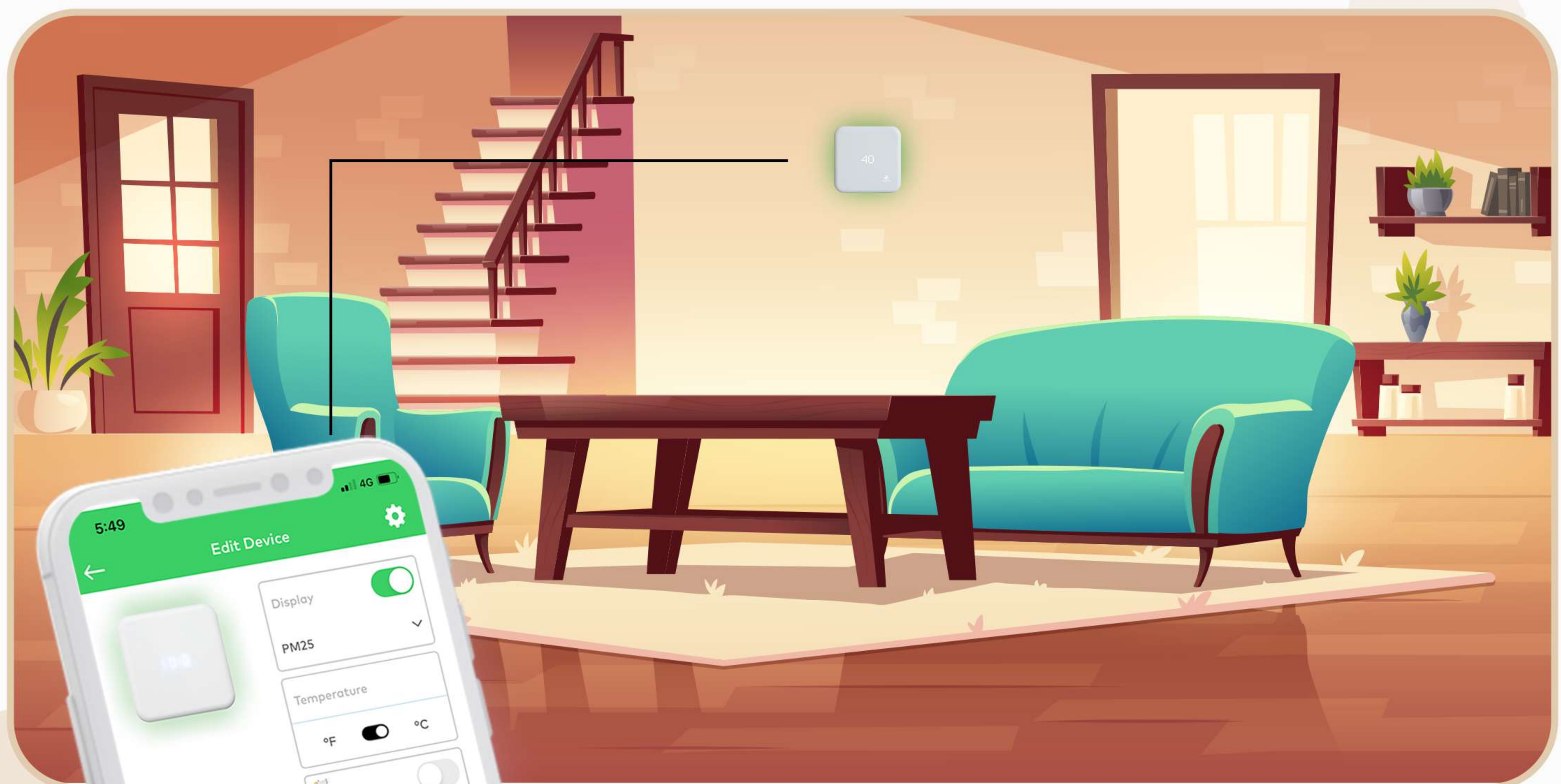Hotel rooms

Prana Air

Connectivity
TYPES

Now you can be rest assured with our Indoor Air Quality Monitors that will help you to track the real time indoor air quality with the availability of different connectivity options like Wi-Fi, GSM/GPRS, RS-485.

| Wi-Fi | GPRS | RS-485 |

AQI Cloud Storage

BMS (Building Management System)

RS-485

Wi-Fi

GPRS

Prana Air

GYR Mode for Hue light

Good   Moderate   Bad

Take a control over the air you breathe.

Prana Air uses cost effective, highly responsive, compactly designed, energy efficient and ROHS compliant sensors in air quality monitors to provide real time data with accuracy and precision.

Prana Air

IAQ (PM, CO2, HCHO, TVOC)

These parameters contribute to Indoor Air Quality. The concentrations of parameters are displayed on SQUAIR monitors one at a time.

LUX

The intensity of light is displayed on the AQI app after connecting SQUAIR monitor to the mobile or TV app.

Temperature

The intensity of heat present in the area is displayed in degree Celsius as Temperature. Normal room temperature is generally in between 20-25 degree Celsius.

Humidity

The amount of water vapour or moisture present in air is displayed as humidity. Humidity is always recorded in percentage.

Select the parameter you want to display and adjust the range for aura light.

A Clock which is more than a Clock.

The Squair Monitor comes along with a clock which performs functions more than just displaying time. This clock will help to identify concentrations of Indoor Environmental Quality (IEQ) parameters. The bad IEQ affects the health and efficiency of a person spending too much time indoor. The parameters of IEQ are Temperature, Humidity, Indoor Air Quality (IAQ), Noise and Lux (visibility and light).

What is a Buzzer for?

Buzzer is a type of an Alert system which sends alerts by beeps if the air quality detoriates to hazardous.
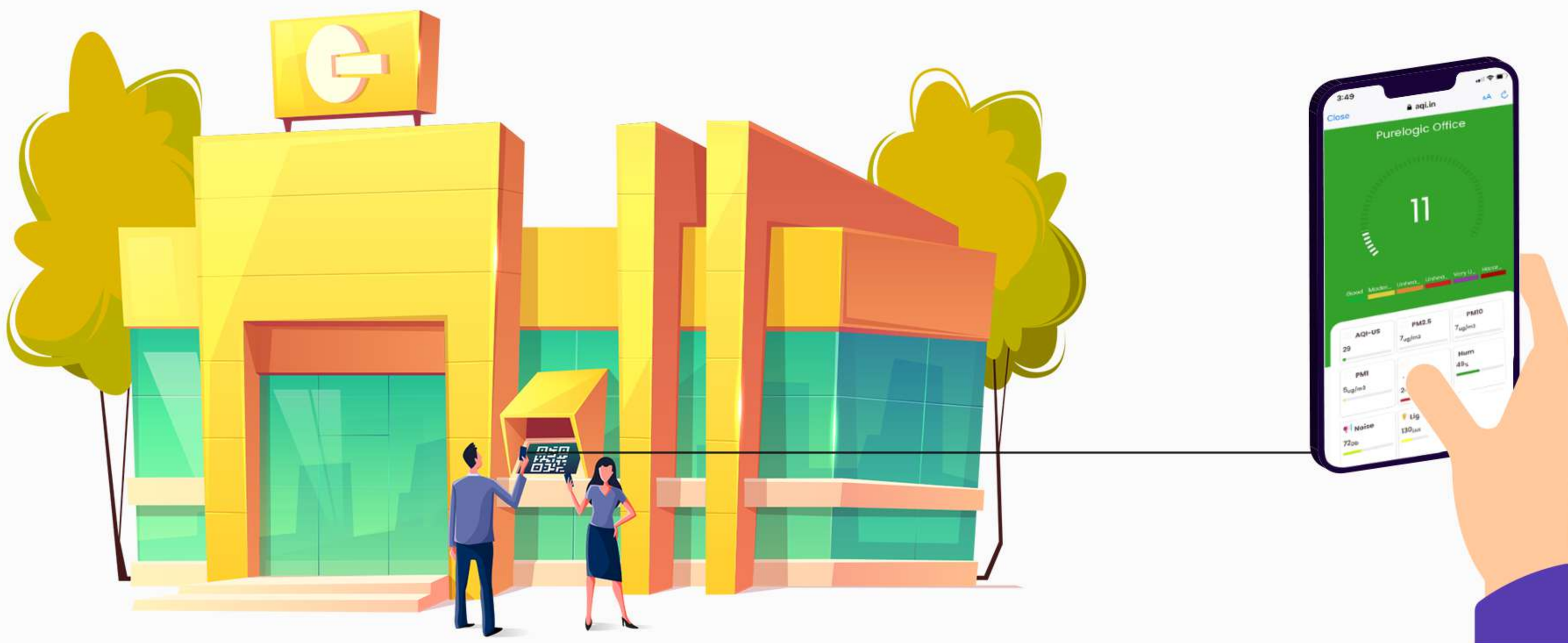
Hue Light - Display types

● Blink   ● Breathe   ● Stable

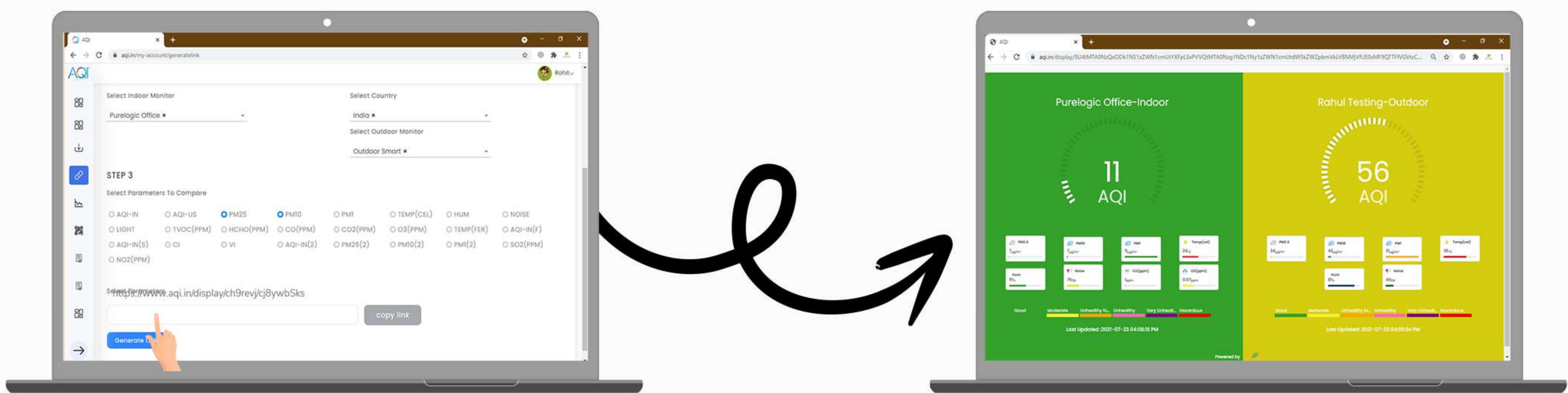Prana Air

Why to go
PREMIUM?

The QR Code

Generate a QR Code of your device and get it placed outside the building and let people scan the QR Code on their mobile phones to be assured that the air inside is healthy & pure.

Link Generation

Generate a link of your device or with any nearby outdoor monitoring station for data comparison and share the data with anyone anywhere.
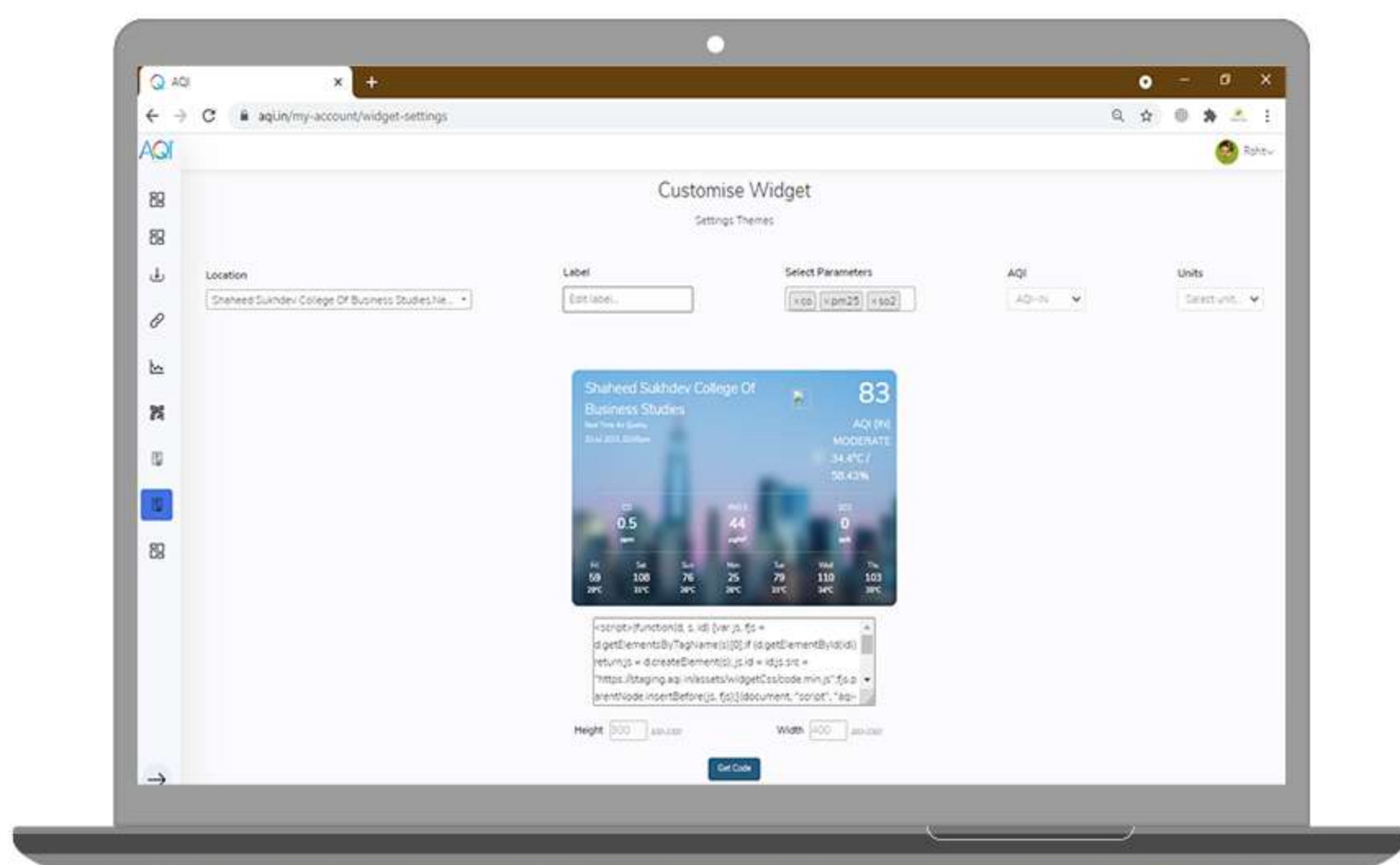

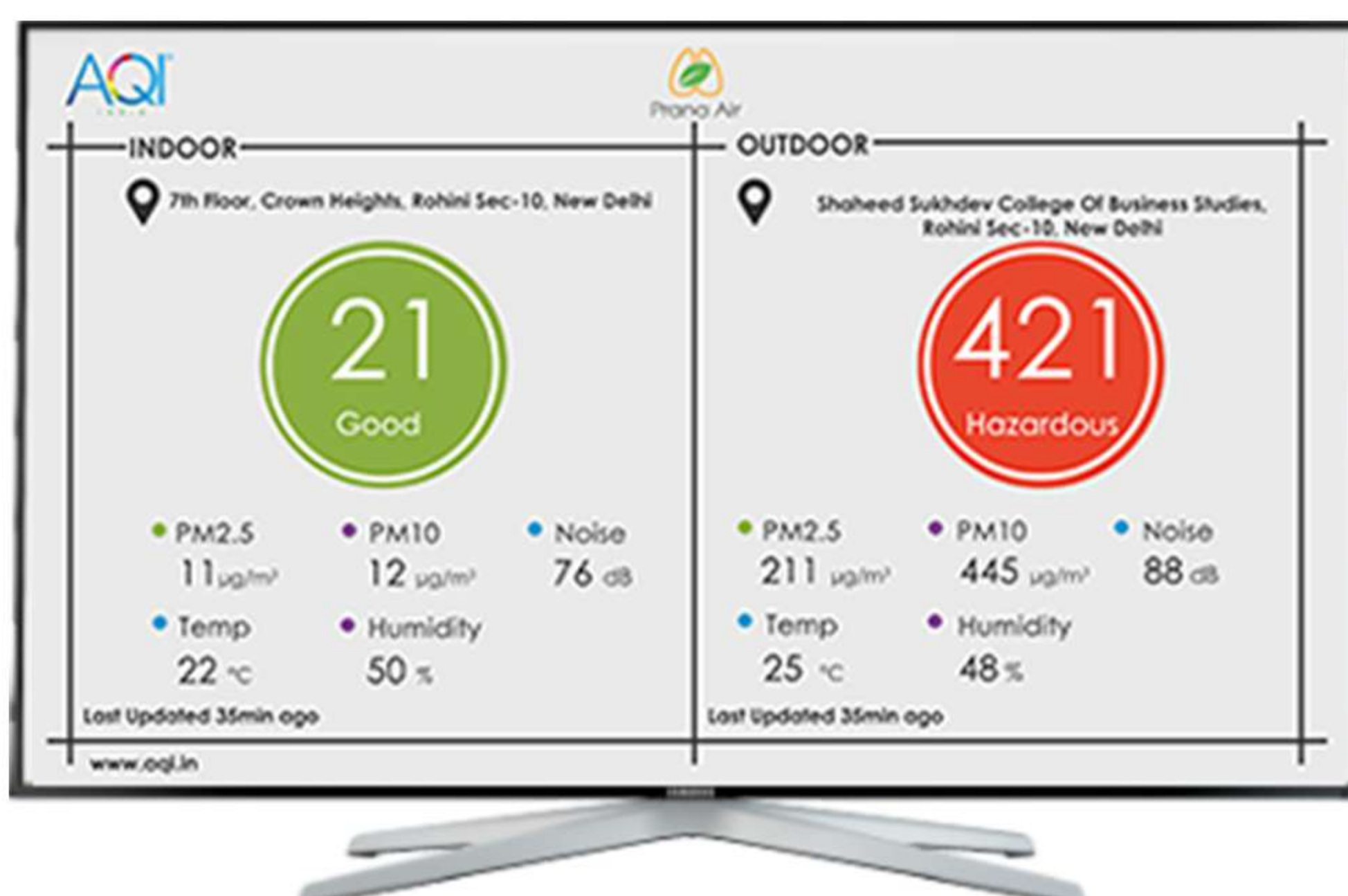Prana Air

Why to go
PREMIUM?

Personalised Widget

Use AQI Widget feature on any online platforms and get the real-time air quality data by generating few lines of code from AQI Dashboard.

TV App for data display

Display your monitors real-time air quality data on your smart android TV and compare with the nearest outdoor location data.

Prana Air

Product
LABELLING

CONNECTIVITY SWITCH

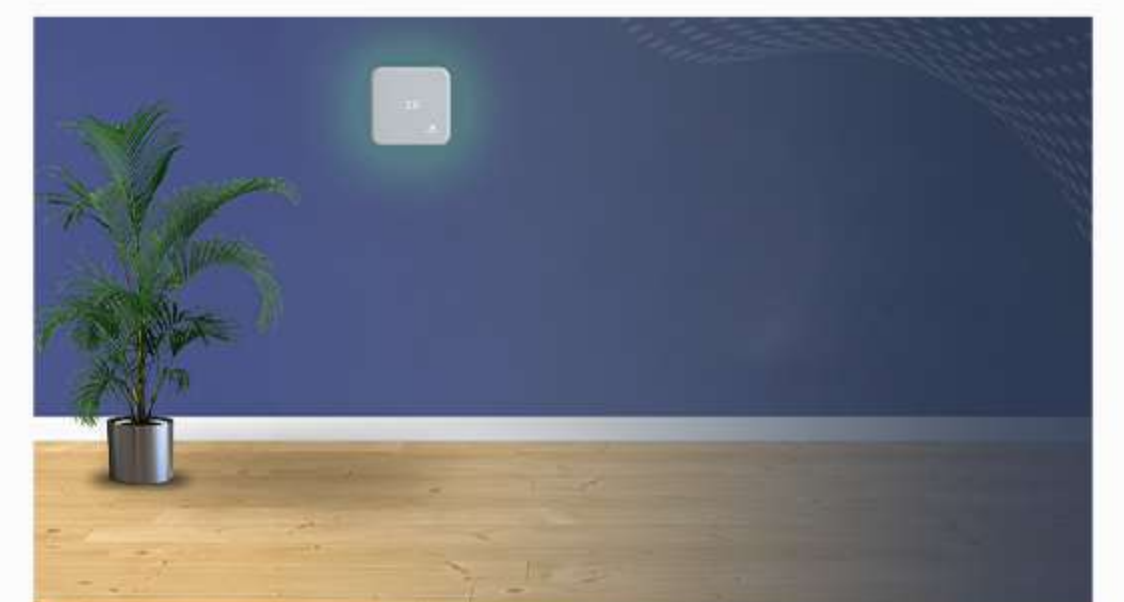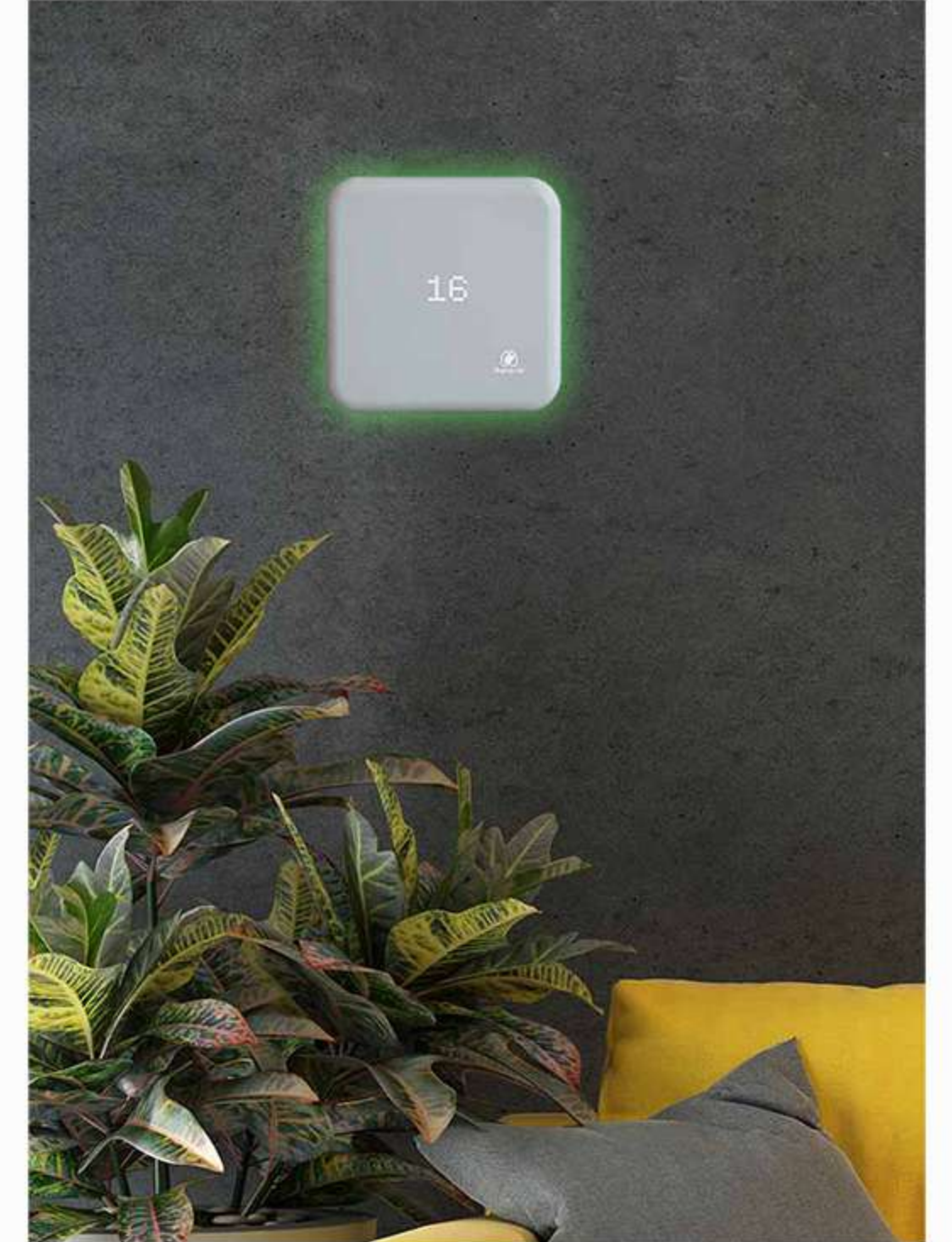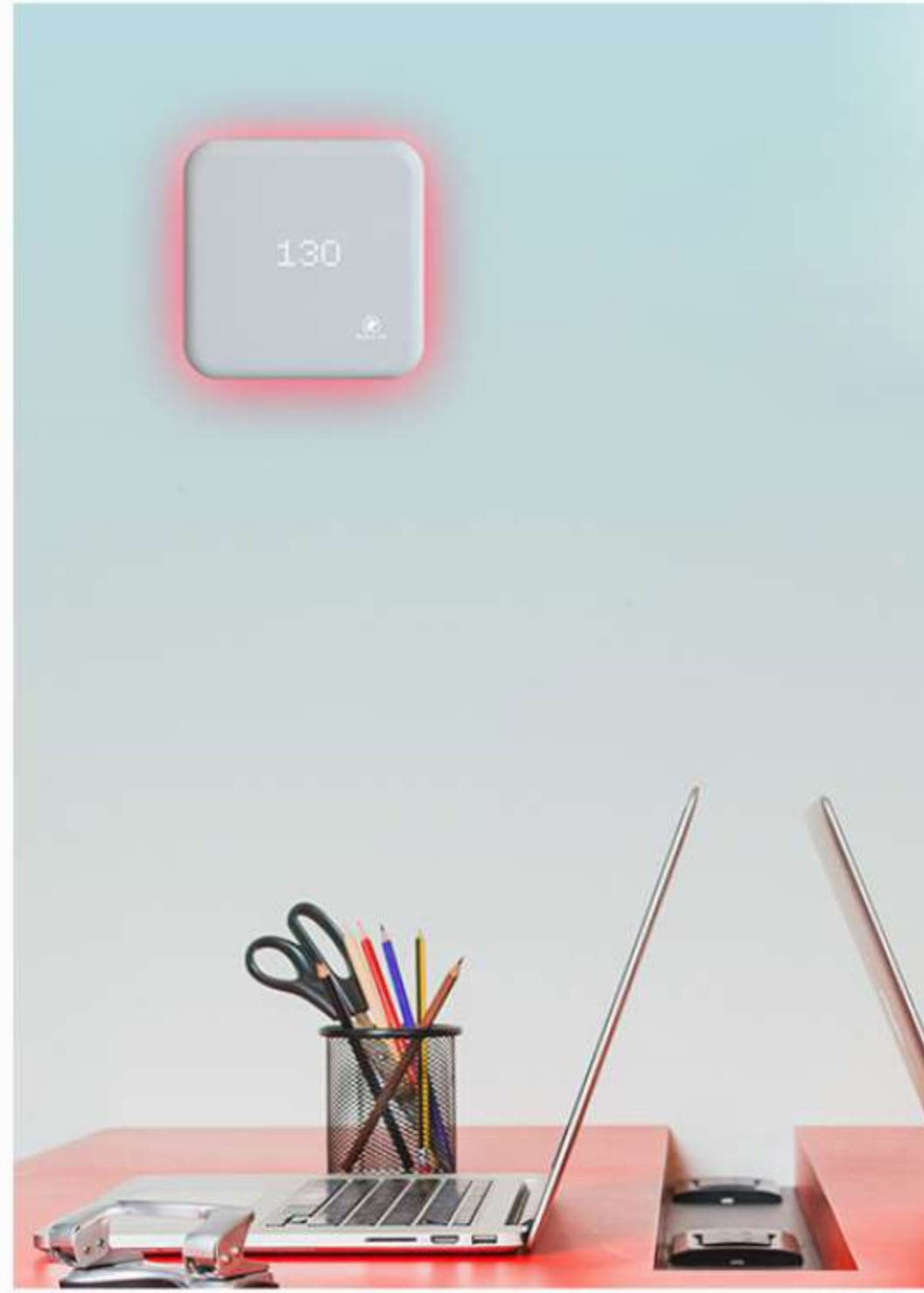5V DC USB POWER SUPPLY

RS-485 PORT

MICRO USB CHARGING

SD CARD SLOT

SIM CARD SLOT

Prana Air

Know what you breathe.

SQUAIR monitor is a smart device which is used to monitor IAQ (Indoor Air Quality). It detects the temperature, humidity, PM 1, PM2.5, PM 10, CO2, TVOC, HCHO, light, temperature and humidity.
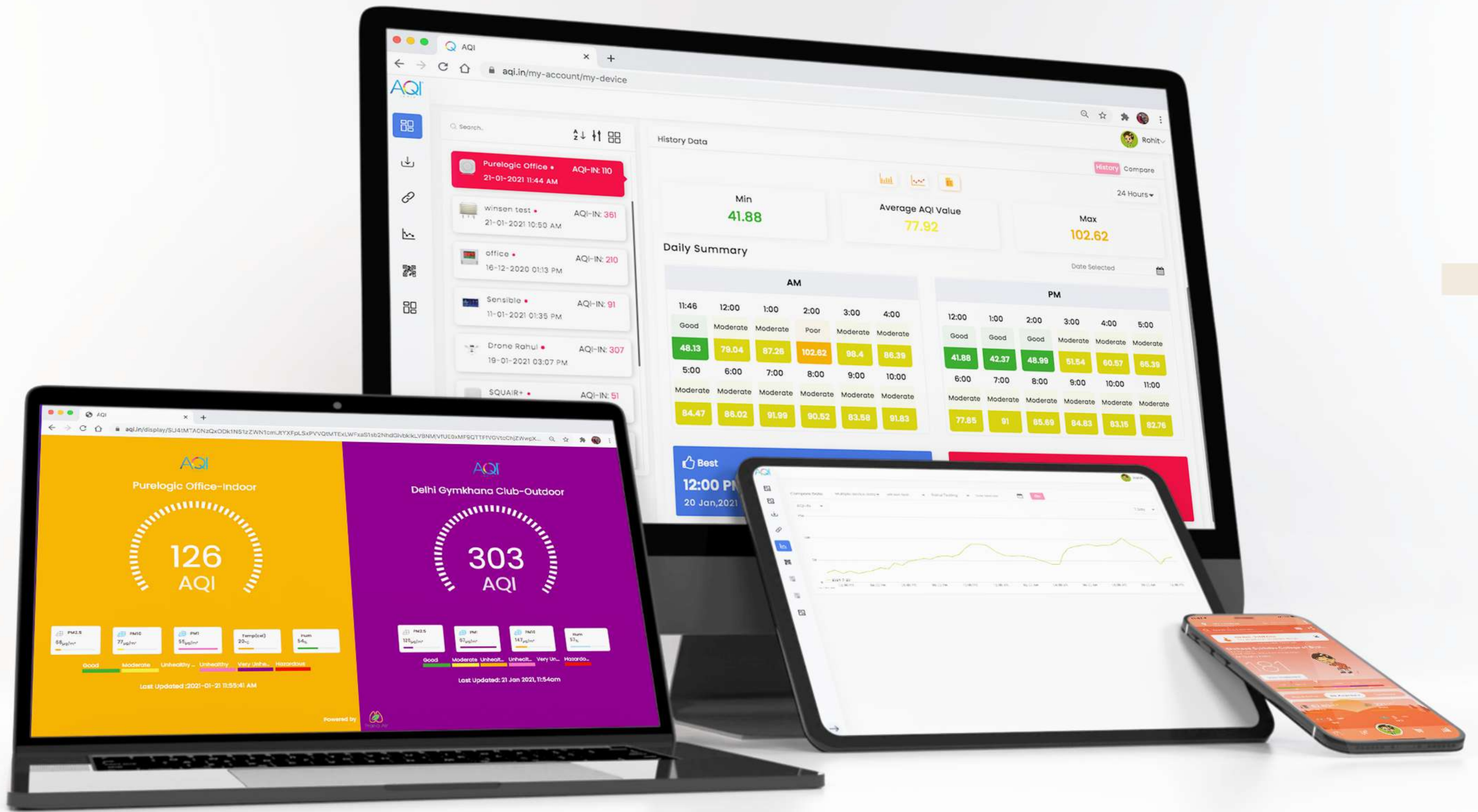
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INSTRUMENT SPECIFICATIONS

Features	Description
Weight	227g
Dimensions	12x12x3cm
Power Supply	5V DC
Connectivity	Wi-Fi/GSM/RS485
Storage	Micro-SD Card/ Cloud Storage

SENSOR SPECIFICATIONS

Parameters	Sensor Type	Range	Resolution	Accuracy
Temperature	Digital Sensor	-30 to 60 °C	0.1°C	±0.1°C
Relative Humidity	Digital Sensor	0 to 99%	1%	+/- 1% RH
PM10, PM2.5 & PM1	Light Scattering	1 to1999 µg/m³	1 µg/m³	0-150 µg/m³ is for ±10% & for 150 µg/m³ onwards is ±15%

OPTIONAL PARAMETERS

Parameters	Sensor Type	Range	Resolution	Accuracy
Carbon Dioxide (CO_2)	Non-Dispersive infrared	0 to 5000ppm	1ppm	±3%, ±50 ppm
Total Volatile Organic Compunds (TVOCs)	Metal Oxide Semiconductor sensor (MOS)	0 to 20ppm	0.01ppm	±3%
Formaldehyde (HCHO)	Electrochemical	0 to 2ppm	0.01ppm	±3%
Noise	Digital Sensor	30 to 130 dB	0.1 dB	±1.5 dB for 1kHz
LUX	Photodiode	20 to 20000 LUX	1 LUX	±2%

Prana Air

AQI® Dashboard and Mobile App.

Know real-time accurate AQI reading in various parameters countributing to indoor air quality (IAQ).

Dashboard

Export File

Link

Compare

QR Code

Tree View

Prana Air

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