IoT Cloud

Develop Device-to-Cloud Connection

Jumpstart IoT Solution with IoT Cloud

LoRaWAN® End Notes

LoRa

LoRaWAN® Gateway

IoT Cloud

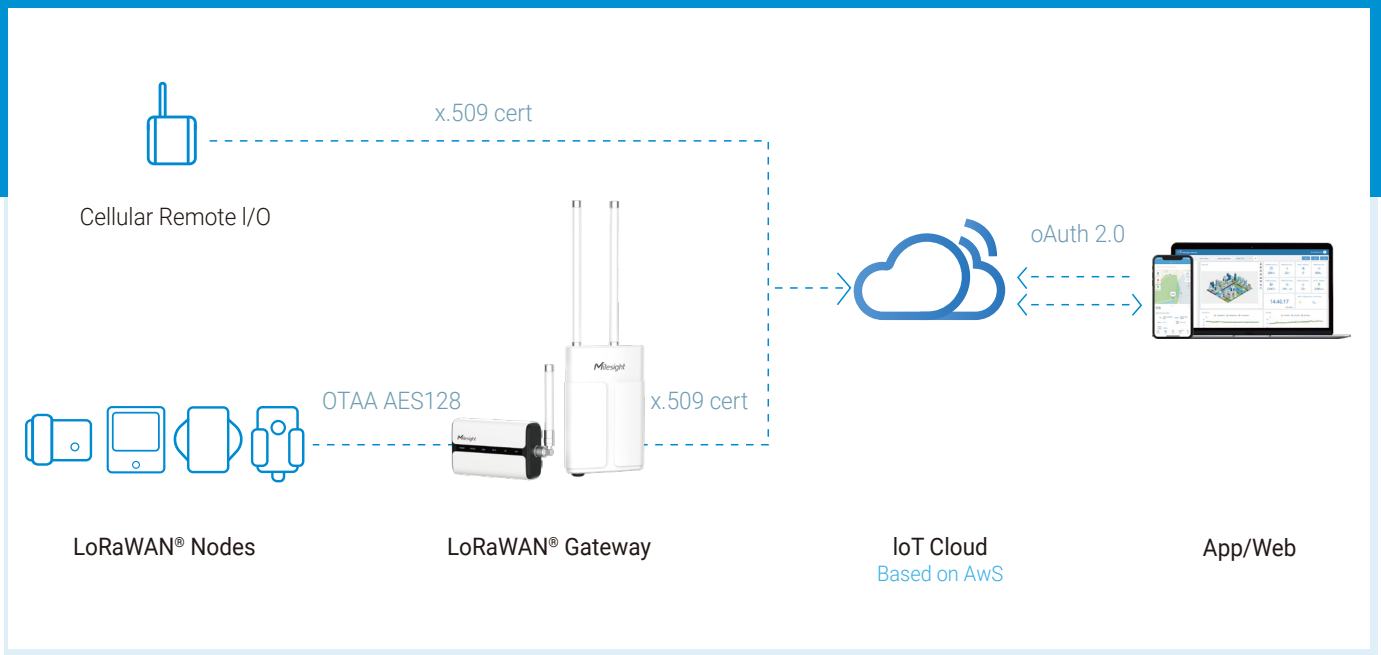Mobile App

Dashboard

LoRaWAN®

AIoT

The IoT Cloud provides unparalleled levels of vertical integration with our LoRaWAN® nodes (sensors and controllers). Through field data visualization, it allows users to monitor and control remote assets on an intuitive dashboard. What's more, it enables trigger reception, report, sharing, transferring etc., offering extraordinary flexibility of managing connected devices.

Leveraging the trendsetting tech, the IoT Cloud turns data into actionable insight and provides convenient, stress-free, secure, and comprehensive IoT enablement service, standing at the forefront of the global IoT revolution of today.

IoT Cloud Security

The IoT Cloud is a comprehensive cloud-based on AWS. The European server are located in Germany. It collects data from end-nodes and provides App and Web GUI for users. Data security and privacy is the highest priority for its users. Therefore, the IoT Cloud offers a range of security mechanism to protect your data.

- ## X.509

X.509 certificates act as secure identifiers, just like digital passports which contain information about the owner. Every device uses a unique certificate that ensures all data from end nodes to IoT Cloud is well validated and encrypted.

- ## HTTPS

With functionalities of anti-spoofing and data encryption, HTTPS protocol keeps communication securely between user-end and IoT Cloud.
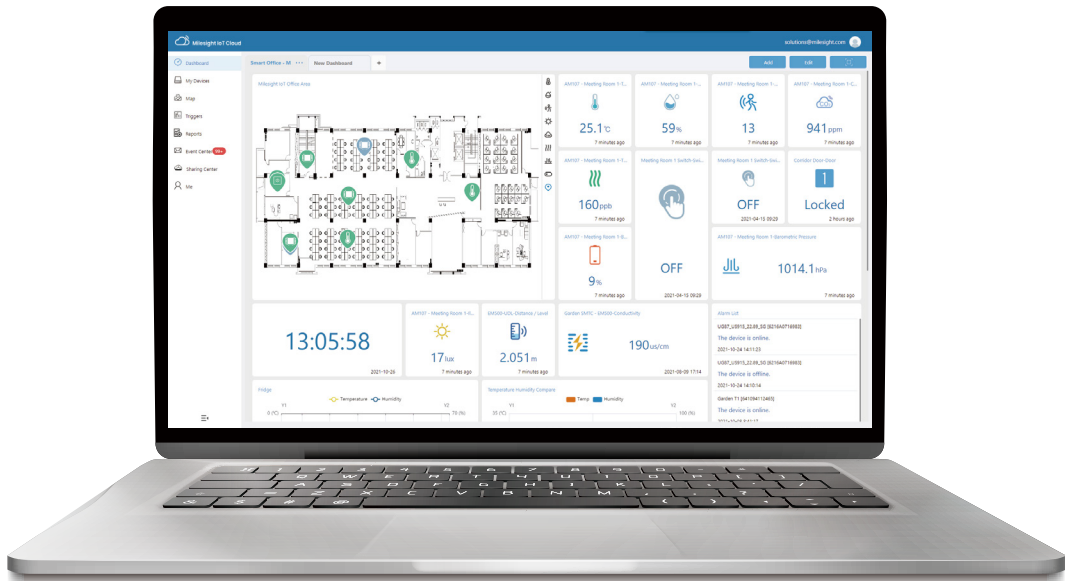
- ## OAuth 2.0

The IoT Cloud uses OAuth for user authorization. It is an open protocol to allow secure API authorization in a simple and standard method from desktop and web applications.

- ## Data Storage

Data is placed and protected by AWS, the world's leading secure cloud computing service platform.

The Dashboard is a user-friendly interface where admins can monitor and interact with connected devices though graphs, charts and other tools. It allows users to manage every aspect of their connected devices as well as gain insight on the environment through visualization of device data.
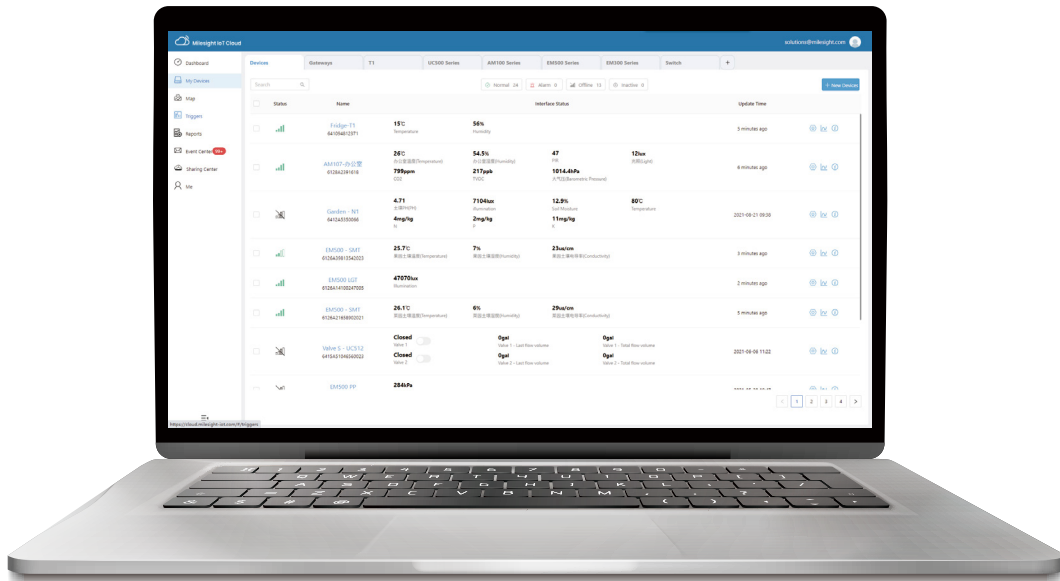
Analytics Visualization

Multiple Intuitive Widgets

Customized Dashboards

Multiple Dashboard Creation & Sharing

Device Management provides users with unprecedented visibility into the status and interface status of all connected end notes. Being connected to the cloud, their status will be automatically returned to the cloud platform so that users can monitor the operating status in real time to decide whether to take the next step.
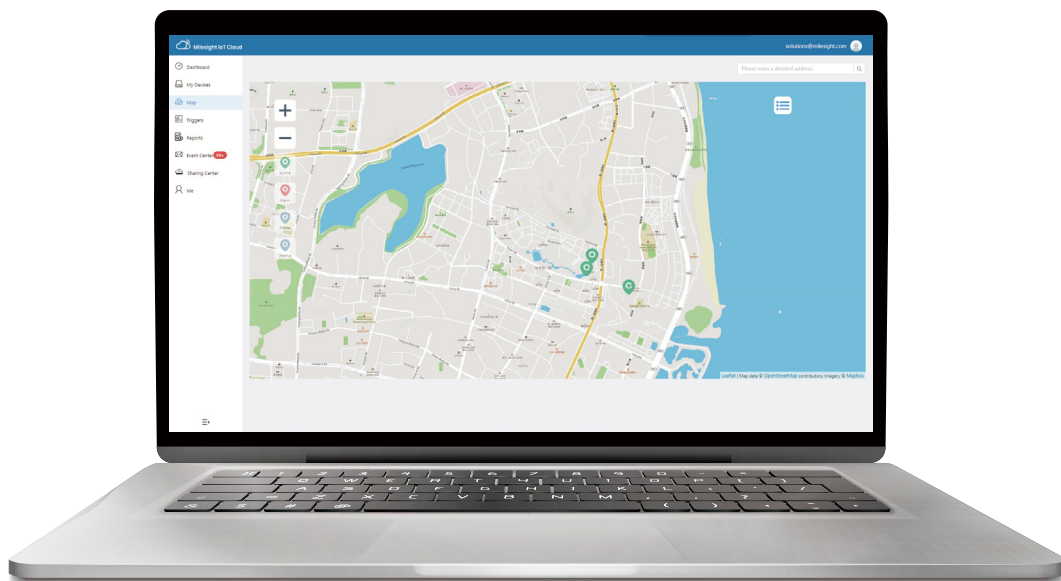

Real-time Monitoring
of Devices' Signal Status

Data Chart
Reference & Download

Threshold
Alarms' Setting
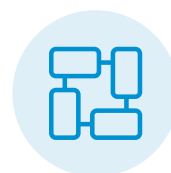
Map furnishes users with paramount perspective on location information of connected devices, including street address, latitude, longitude etc. The location metadata can be updated by users.
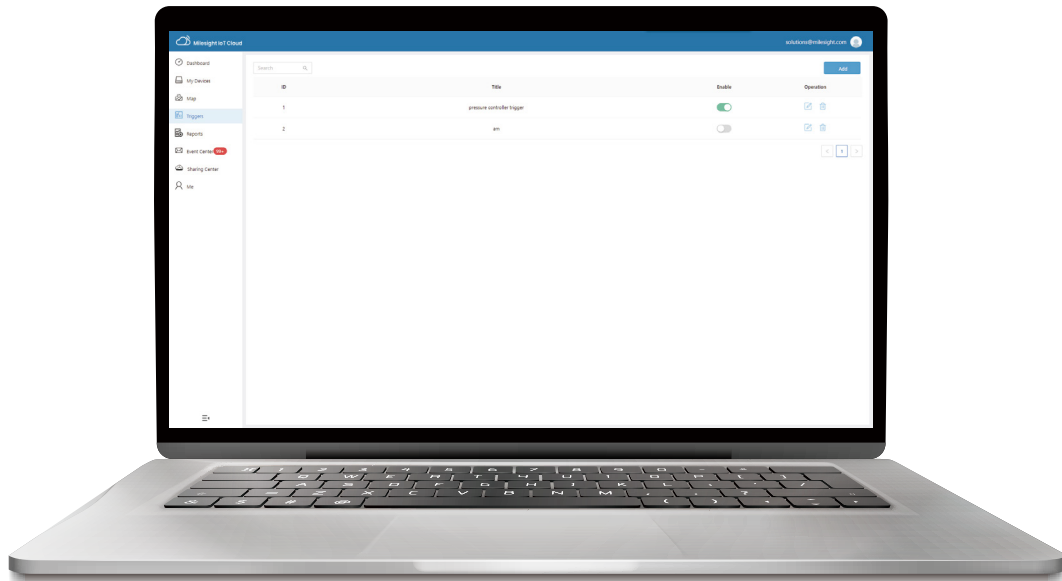

Check Online,
Offline and Alarm Status

Know Any Connected
Device's Deployment Places

The Trigger interface allows users to customize multiple combinations of conditions and triggers. Based on the processed data, **the** IoT Cloud provides users with many options of trigger warnings, thus adding preventive monitoring for users.
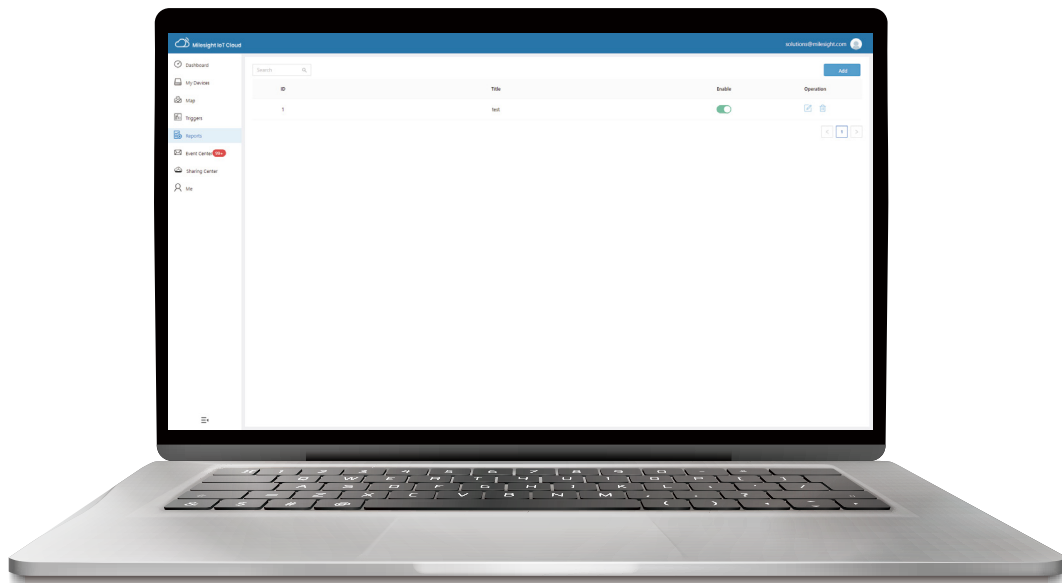
Rich Options for
"Time" or "Value" as Condition

Rich Options for
"Alarm" or "Trigger" as Actions

Harnessed by Reports, admins are able to check and export daily, weekly or monthly data of the connected devices that they select, and they can send or share these reports to certain people. Reports offer intuitive insight on how do these connected devices perform.
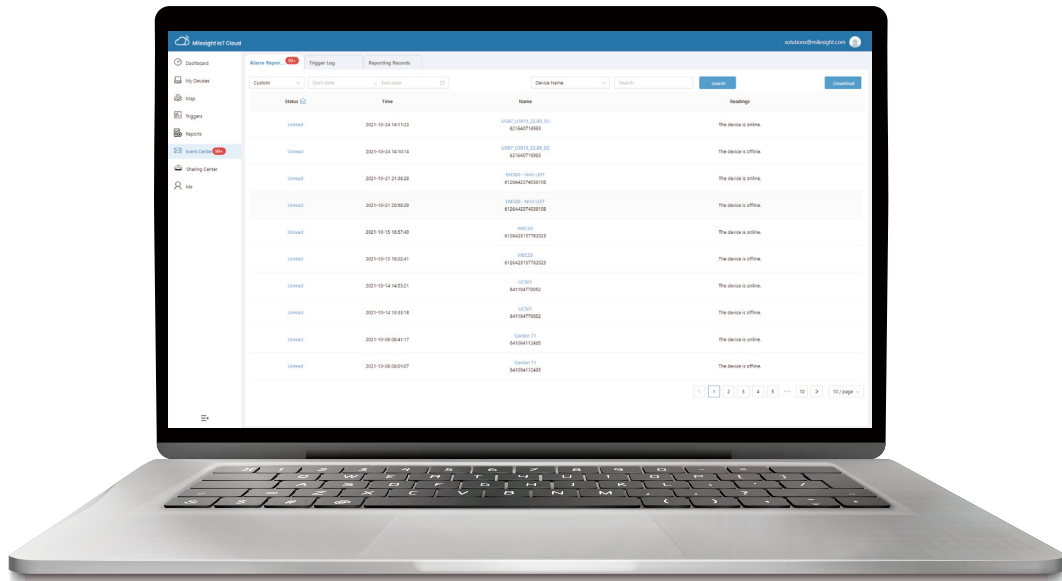
Check and Export Daily/
Weekly/Monthly Report

Share with People
Connected Devices' Performance

In Event Center, users check and export Alarm Reporting, Trigger Log and Reporting Records of different periods, including today, yesterday, last week etc., providing unprecedented convenience for users to track connected devices' status.
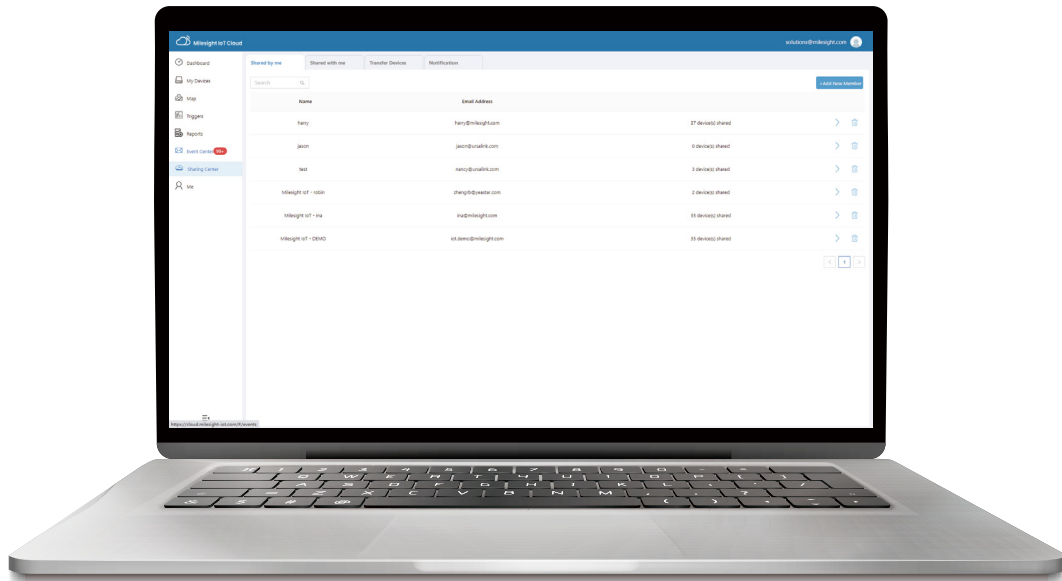

Gain Real-time Insight
on Connected Devices' Status

Know More by Theme Filtering
Like Device Name, Serial Number,
or Command Title

In Sharing Center, many operations will become easy for users to conduct including adding users for cooperating, tracking all sharing, transferring devices' ownership and receiving notifications. Channels/end users can find how the IoT Cloud works exactly even without an account.
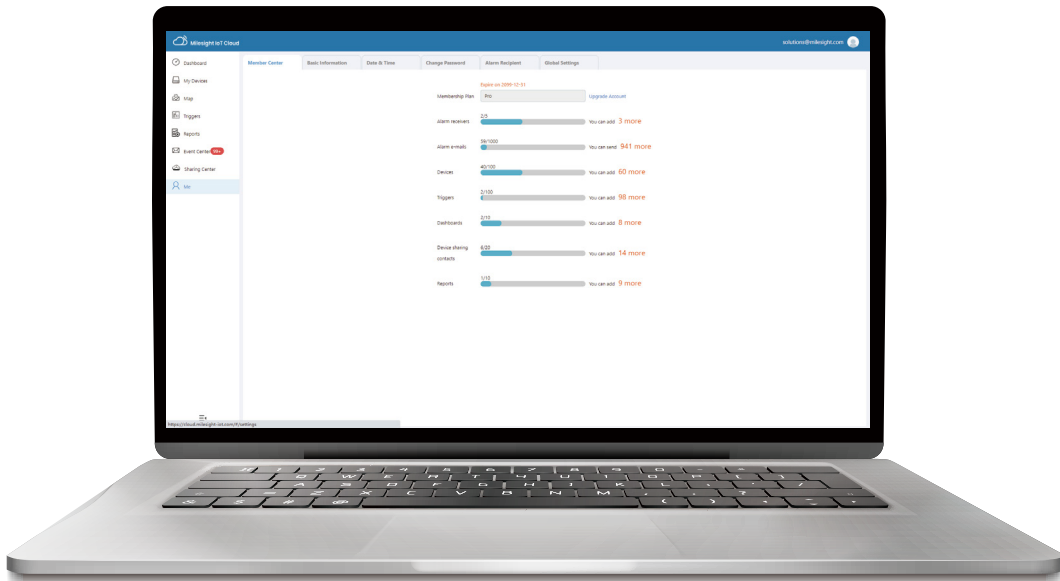
Utmost Flexibility for
Sharing and Transferring

Real-time Notifications

Account Management is a place where admins can manage their basic information, setting, passwords etc at a rapid speed. In addition, the remaining number of alarm receivers, alarm e-mails, devices, triggers, and dashboards will be presented clearly and intuitively on this interface.
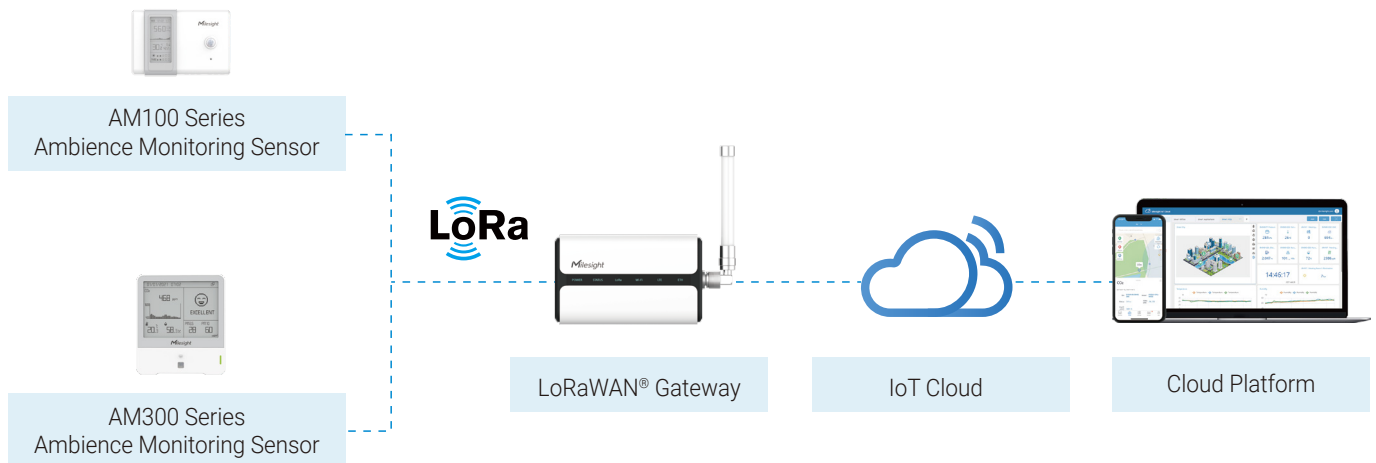

Better Basic
Information Management

Faster Understanding
of Remaining Rights

Indoor Air Quality Solution

AM100 Series
Ambience Monitoring Sensor

AM300 Series
Ambience Monitoring Sensor

LoRa

LoRaWAN® Gateway

IoT Cloud

Cloud Platform

The one-stop solution for indoor air quality (IAQ) to monitor the data of ambience air quality in real time which helps you to live in safer and healthier environment, especially during the COVID-19. With straightforward data directly shown on display and cloud platform, you can always stay informed and alert before it is too late. Through reports and analysis, you can catch the problems that you probably ignore.