

AQI-V01
Product
Specification



Micro weather station



Optional item

● TSP	● Wind speed
● PM10	● Wind direction
● PM2.5	● Temperature
● O3	● Humidity
● SO2	● Atmospheric pressure
● NO2	● Sunshine amount
● CO	● Rainfall

Features

- Integrated design, easy to install and erect
- Remote data transmission system with built-in onboard system storage
- Communication network mode is suitable for various monitoring environments
- Site traceability according to national control station standards
- Remote automatic calibration system
- Optional plug-and-play weather, noise sensors, etc.

Application

- Long-term, short-term online monitoring of urban environments
- Industrial perimeter monitoring: industrial parks, mining areas, heavy industrial areas, Airport, port, railway, construction site
- Roadside Station: Highway, Street Valley, Traffic Information System
- Mobile vehicle monitoring
- Community periphery: epidemiological research, microenvironment, residential, learning school clinic
- Environmental Impact Assessment

Optional detection module

Sensor type	Gas type	Measurement range	Resolution
NDIR	CO ₂	400 to 2000 ppm UP to 10000 ppm	0.1 ppm
Chemical	O ₂	0 to 30 %	0.1 %
	CO	0 to 1000 ppm	0.01 ppm
	SO ₂	0 to 2000 ppb	10 ppb
	NO ₂	0 to 2000 ppb	10 ppb
	O ₃	0 to 2000 ppb	10 ppb
	H ₂ S	0 to 200 ppm	0.01 ppm
	NH ₃	0 to 100 ppm	0.01 ppm
	HCHO	0 to 200 ppm	0.01 ppm
	VOCs	0 to 5 ppm	0.01 ppm
Catalytic	CH ₄	0 to 100 %	0.1 %
Semiconductor	Temp	-20 to 125 °C	0.1 °C
	RH	0 to 99 %	0.1 %

Separable Detection Device.

1. Environment Air Quality Monitoring:

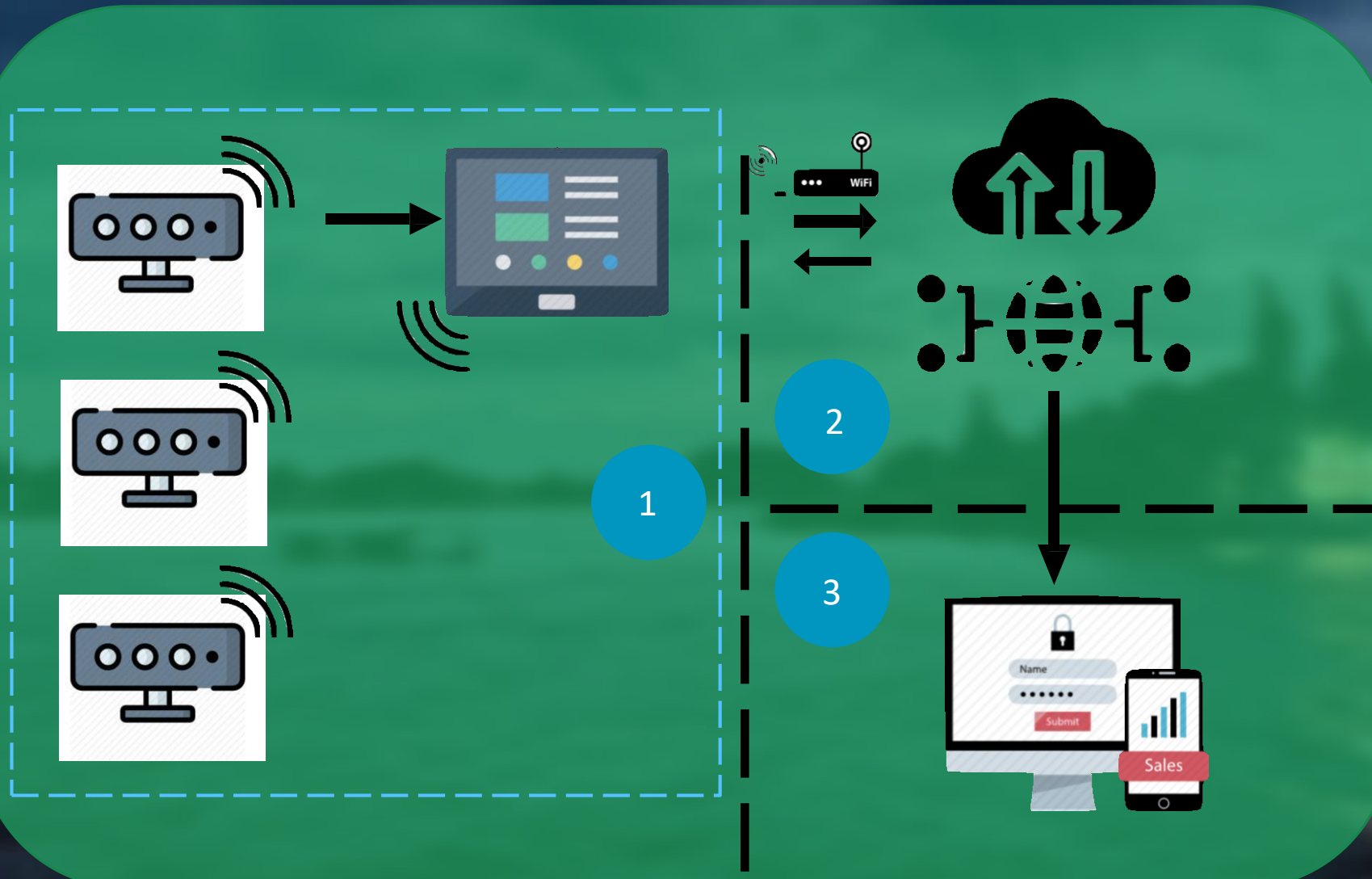
The independent module was composite by independent sensor module and display module. Sensor module transfer data to display module by cable or wireless, and display module transfer data that received to cloud.

2. Cloud:

Cloud will receive data and analysis, processing. And it download result to display module by wireless and management the display platform.

3. Management and display platform :

A functional platform that integrate management and display data.





SENSING NETWORK SERVICE

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