Introducing a cutting-edge Online Multi-parameter Air Quality Monitoring System. This system tracks key air quality indicators including CO, SO2, NO, NO2, O3, CO2, CS2, H2S, and TVOC, among others. It is versatile, suitable for monitoring air quality in diverse settings such as industrial production sites, tunnel traffic environments, and urban areas. The system enhances the collection and analysis of atmospheric data, aiding in the efficient management of air pollution data and supporting informed decision-making for environmental planning and assessment.

Key Features:

- **Detection parameters:** CO, SO2, NO, NO2, O3, CO2, Temp & RH
- **Toxic gases** – Electrochemical Sensors & CO2 – NDIR Sensor
- **Signal output:** RS232/RS485
- **Data Uploading:** Wi-Fi & Ethernet
- **Display:** LED Digital Display
- **Sensor Response time**: <30 seconds
- **Linear error:** <2%
- **Zero drift:** <3%
- **Data Uploading Software:** Local PC
- **Data Logging:** 60 days data with 1min Interval
- **Operating Voltage:** 12 VDC
- **Battery:** 8hr's Backup
- **Temperature environment:** -10 ~ 60°C degrees Celsius
- **Humidity Environment:** 0 ~ 95%
- **Installation:** Wall mount
- **Installation environment:** Outdoor
- **Protection class:** IP 65/IP 66
- **Mounting:** Tripod Mount

Technical Details:

Sampler Specifications	Flow Rate: 2.0 liters/minute Humidity Range: 0 to 90% RH, non-condensing. Operating Temp 0-55°C Out Put: RS 232/RS485/4-20mA communication Data Logging Intervals: 1sec to 2hr's		
CO sensor:	Measuring Range: 0-50 PPM	Resolution: 3ppb	Precision:1%
SO2 Sensor:	Measurement Range: 0-10 PPM	Resolution: 3ppb	Precision:1%
NO Sensor:	Measurement Range: 0-10 PPM	Resolution: 3ppb Precision:1%	Precision:1%
NO2 Sensor:	Measurement Range: 0-10 PPM	Resolution: 3ppb Precision:1%	Precision:1%
O3 Sensor	Measurement Range: 0-1 PPM	Resolution: 5ppb Precision:1%	Precision:1%
CO2 Sensor	Measurement Range: 100-5000 PPM	Resolution: 5PPM Precision:1%	Precision:1%
Air Temperature	--10 °C to 60°C	±0.3°C ±0.5°F	
Relative Humidity	0% to 100% @5° to 50°C	±3%	