WCCTV GAS & PARTICULATE SENSOR

HOW DOES IT WORK?

The WCCTV Gas & Particulate Sensor is a smart environmental monitoring device designed to track air quality in various settings. It detects key pollutants such as gases and particulate matter while also measuring temperature and humidity levels.

The device collects and stores data over time, allowing users to monitor trends and ensure compliance with environmental standards. With remote access capabilities, users can conveniently retrieve real-time information through different platforms. Its durable design ensures reliable performance in different environments.

KEY PRODUCT BENEFITS

Advanced Air Quality Detection	Real-Time & Historical Data	Remote Accessibility	Automated Alerts & Controls	Seamless System Integration

EXAMPLE APPLICATIONS

Construction Sites	Industrial Facilities	Commercial Buildings	Schools & Universities	Public Transport Hubs	Data Centers

PRODUCT SPECIFICATION

Temperature	Range	-10~ +50°C
	Resolution	0.1°C
	Accuracy	±0.6°C
Humidity	Range	0 ~ 100% RH
	Resolution	0.1% RH
	Accuracy	±5% RH
	Life Time	10 Years
Dew Point	Range	Calculated using temperature and relative humidity
	Resolution	0.1°C
CO Measurement	Range	0 to 1000 ppm (Electrochemical)
	Resolution	1 ppm
	Accuracy	±5% of measured value
	Response Time	30 seconds
	Warm-up Time	60 seconds
	Life Time	5 years
CO2 Measurement	Range	0 to 9999 ppm (NDIR)
	Resolution	1 ppm
	Accuracy	±30 ppm ±3% of measured value
	Response Time	120 seconds
	Warm-up Time	300 seconds
	Life Time	15 years
PM1/PM2.5/PM10 Measurement	Range	0 to 1,000 µg/m3 (Laser Type)
	Resolution	1g/m3
	Accuracy	±10% of FSR.
	Response Time	1 second
	Warm-up Time	20 seconds
	Life Time	5 years, Customer has to replace the filter patch