

## AQ Air Quality Sensor

### Application

Indoor air quality monitoring. Wall or ceiling mounting, integration to BMS and remote data logging solutions. Compatible with the MW2 platform and all Elcomponent data logging products.



**Measures:** PM2.5, PM10, TVOC, CO2, Rh, °C

**Sampling:** Calculated average values by minute, 1hr and 24hr.

**Output:** Modbus RTU

**Standards:** CE Marked / RESET Grade B Compliant

**Dimensions:** H130mm x W130mm x D45mm

**Services:** System installation and remote monitoring



### Measurement Specification

#### PM2.5/PM10

Sensor	Laser particle sensor, Light scattering method
Measuring range	PM2.5: 0~400 ug/m3 / PM10: 0~500 ug/m3
Display resolution	0.1 ug/m3
Stability at 0	±5 ug/m3
Accuracy	10% of reading

#### Temperature and Humidity

Sensor	High precision digital integrated temperature and humidity sensor
Measuring Range	Temperature: 0~50°C/ Humidity: 0~99%RH
Output Resolution	Temperature: 0.01°C / Humidity: 0.01%RH
Accuracy	Temperature: <±0.5°C@25°C Humidity: <±3.0%RH (20%~80%RH)

#### CO2

Sensor	Non-Dispersal Infrared Detector (NDIR)
Measuring range	0~5,000ppm
Output Resolution	1ppm
Accuracy	±40ppm + 3% of reading

#### TVOC

Sensor	TVOC
Measuring range	0~2.0 mg/m3
Output Resolution	0.001 mg/m3
Accuracy	±0.02mg+10% of reading