AQD-WM300 (RS485)
Multifunctional Air Quality Detector

ZKTECO

Overview

AQD-WM300 (RS485) Is an indoor air quality controller with screen that provides customers with visual indoor air quality readings, such as PM2.5, CO2, temperature, humidity, etc. It is widely used in residential, commercial and industrial applications, and can effectively improve air quality and create a healthy, comfortable, efficient, environmentally friendly, energy-saving living and working environment.

Features

- Compatible with embedded and wall-mounted fixing methods
- Test variables: PM2.5, CO2, temperature and humidity.
- Compatible with push-button and touch-screen operation
- Using standard 86 box size, thickness <24mm

Specifications

Working principle	CO2: NDIR / PM: Laser scattering principle
Measurement range	PM2.5:0~1000µg/m³, CO2:0~5000ppm, Temperature:-10ºC~50ºC, Humidity:0%~95%RH
PM2.5 Measurement accuracy	≤ 100µg/m³: ±10µg/m³, > 100µg/m³:±10% reading, Ref Instrument TSI 8530, 25±2ºC, 50±10%RH
CO2 Measurement accuracy	±(50ppm+5% reading)@ 0~50ºC
Temperature Measurement	±1ºC
Humidity Measurement accuracy	±8%RH
PM Response time T90	≤8s
CO2 Response time T90	<120s
Working voltage	DC 12V
Working current	<140mA
Standby current	≤80mA
Product Size	86*86*249mm (WxHxD)
Signal Output	RS485
Installation hole distance	60mm (standard)

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