

Wireless Carbon Dioxide Sensor

WL-AQD-A01 wireless carbon dioxide detector is a new product based on ZigBee/SmartRoom HA standard design. It is especially used for detecting indoor CO2 concentration in the air and sending the signal to the control center.

Install WL-AQD-A01 wireless carbon dioxide detector in the bedroom, it can detect relevant data for CO2 , temperature, humidity, VOC etc, it can also control the devices to ensure a fine living environment.



Main Features

Detect the parameter for the various indoor air, such as CO2,temperature, humidity and VOC.

Compact size and low price.

Control devices such as air conditioning automatically.

Technical parameter

Working Temperature Range	-10 ~ 50°C
Working Humidity Range	0 ~ 95%RH
Storing Temperature Range	-20 ~ 60°C
Power Input	Battery 12V
Current Consumption	Average value is 50mA, peak value is 300mA
Dimension	75W x 120H x 22D (mm)
Detection Mode	NDIR
Detection Range	0~2,000ppm / 0~5,000ppm / 0~10,000ppm (optional)
Detecting Accuracy	±30ppm±5% Reading data (0 ~ 50°C)
Sampling time	3 sec
Response time (90%)	≤ 30 sec

Measuring range	-20 ~ 60°C
Precision	±1°C
Detection Range	0 ~ 95%RH
Accuracy	±5%RH
Detection Gas	TVOC, HC etc
Detection Mode	Semiconductor Technology