

## CO2-1ZBS Carbon Dioxide Detector

## The Smart Device that Guards the Air You Breathe



- Immediate Detection
- Precise Reading of CO<sub>2</sub> level

Ever wonder why you are feeling stuffy or drowsy in your homes and offices? When was the last time your indoor air quality is measured? Perhaps it's time to find out what's going on in the air you are breathing.

Research shows that excessive CO<sub>2</sub> in an indoor environment contributes to fatigue, headache or dizziness. Worse yet, higher CO<sub>2</sub> level suggests inadequate ventilation, which leads to other harmful air pollutants building up and causing more serious health problems.

Our CO2-1ZBS is specifically designed to help you monitor the level of CO<sub>2</sub> within your premises. It reads CO<sub>2</sub> concentration value according to the designated interval, and sends a report to the Control Panel whenever CO<sub>2</sub> value changes by +/-100 ppm. This provides useful data for you to determine how much ventilation is required and if current ventilation is effective.

And to make things easier, CO2-1ZBS is compatible with other manufacturers' ZigBee products and works perfectly as part of the smart home solution. Imagine how convenient it would be to have it connected to your air conditioner or fan!

### Features

- Capacity to enable automatic ventilation when connected to other home automation products
- Timely alert upon detection of CO<sub>2</sub>
- Regular monitoring at a 10-minute interval
- Wireless and lightweight for easy and flexible installation
- Suitable for residential or commercial security usage
- Sends supervision signal to check system integrity
- Indoor use only
- Compatible with other manufacturers' ZigBee systems

### Specifications

Communication Protocol	ZigBee Pro Home Automation 1.2
Frequency	2.4GHz
Power Source	1.5V, AA Alkaline battery x 3
Battery Life	3.5 years*
Carbon Dioxide Detection Range	0 to 10000 ppm
Operating Humidity	Up to 85% non-condensing
Operating Temperature	0°C to 45°C (32°F to 113°F)
Dimensions	130mm x 100mm x 41mm

\* Note: Battery life varies by configuration mode, usage, and environment.