

Wireless gas carbon monoxide composite alarm

OJB-CR701-YZ

Version	Editor	Date	Description
V3.1	Amy Lee	20170207	Original edition
V4	Amy Lee	20170602	1. Add manufacturer part No., customer part No.; 2. Update the product net weight.

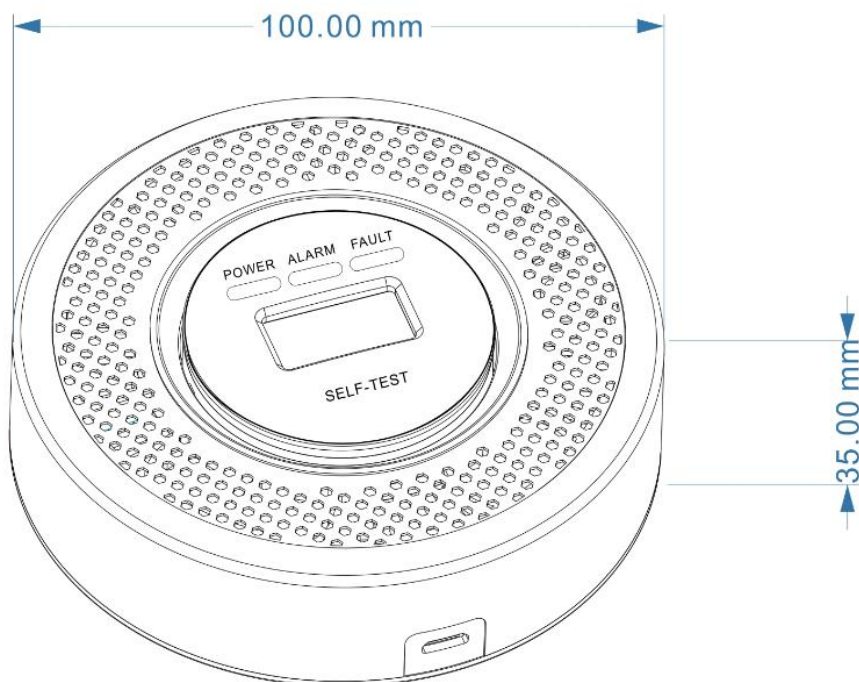
Product Model: OJB-CR701-YZ

Manufacturer Part No.: OJB-CR701-Z. V12

Customer Part No.: 6210008KYD

Product Introduction

OJB-CR701-YZ can be used in the place that contain combustible gas(natural gas, city gas, liquefied gas, etc.) or carbon monoxide. It can monitor the gas concentration in the air. When gas concentration in the air exceed safety value, the detector will be triggered and alarm---sound alarm, light flashes, send alarm messages to the phone APP.



Key Features

1. Imported TI processor.
2. High sensitivity and immunity to interference.
3. Excellent repeatability and stability.
4. Sound-light alarm, support APP remote control and alarm messages reminding.
5. With OLED display, show concentration of gas and carbon monoxide.
6. Sensor open circuit/short circuit fault self-test.
7. USB power supply with backup rechargeable battery.

Technical Details

Wireless Protocol: ZigBee Home Automation 1.2

Device Type: End Device

USB Power Supply: DC5V $\pm$ 10% 1A

Backup Battery: 3.7V 680mAh(Standby 5 hours)

Standby Current: $\leq$ 130mA, USB power

Carbon Monoxide Sensor Type: Electrochemical

Methane Sensor Type: Catalytic

Carbon Monoxide Alarm: Refer to the table below

Product Warm-up Time: 1 minute

Gas Alarm Setpoint: 6% LEL

Sound: $\geq$ 85dB/1m

Operating Humidity: 20% - 90%, without condensation

Operating Temperature: 0°C - 55°C

Storage Temperature: -25°C - 70°C

Installation: Ceiling, desktop placement

Product Warranty: 2 year

Weight: 138g (net weight)

Dimension: Φ 100mm * H30mm

Installation Size: Φ 150mm x H60mm

Color: white

Housing Material: ABS flame retardant

Product Performance Standards: EN50194-2: 2006, EN 50291-1: 2010

CO Concentration	No alarm before	Alarm before
30 ppm	120 minutes	-
50 ppm	60 minutes	90 minutes
100 ppm	10 minutes	40 minutes
300 ppm	-	3 minutes



This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help. The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction

FCC ID: 2AGV5 – OJBCR701YZ