Smart Gas & CO Alarm – Instruction for use (Zigbee)

If you purchased the Zigbee version, please read this manual. Please power up the device for 1 minute before connecting it to the Zigbee network!



The Zigbee Gas & CO Alarm Box is a 2-in-1 smart device that detects the concentration of combustible gas and carbon monoxide (e.g. in the kitchen) in real time. The gas concentration value can be viewed in real time in the Tuya Smart / Smart Life app. If the concentration exceeds the limit, an 80 dB high-pitched alarm is triggered.

1. Packing list

- Gas & CO Alarm Box ×1
- Instruction for use ×1
- USB power supply cord ×1

Product parameters

Working temperature	-20 to 85 °C
Working voltage	5 V
Working current	10–496 mA
Size	100 × 100 × 35 mm
Power supply	USB 5 V / 1 A
Communication protocol	Zigbee
Colour / shell material	White / ABS
Weight	100 g
CO (carbon monoxide) range	0–500 ppm
Gas measuring range	0–20 % LEL

Concentration values over 4 % LEL will trigger an 80 dB alarm sound.

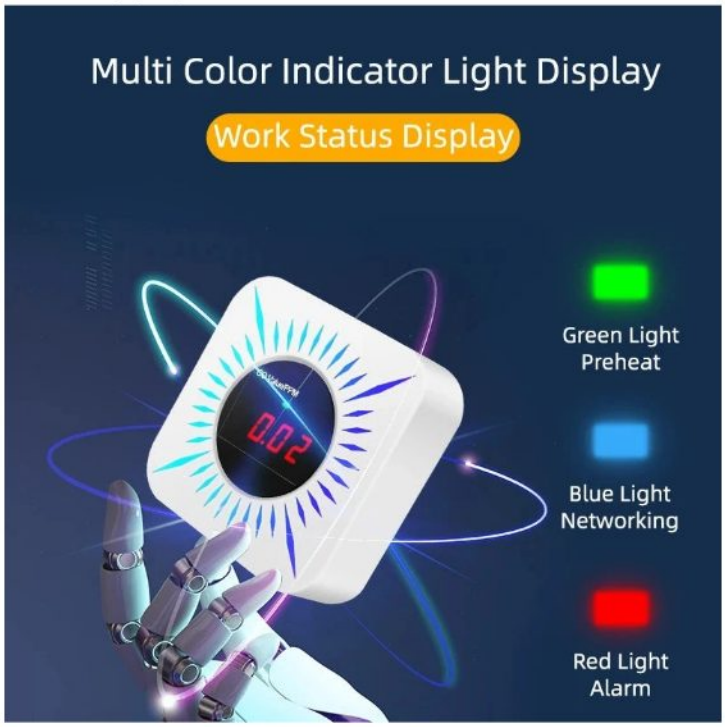
4–8 % LEL	Slight headache and fatigue (for reference only)
8–15 % LEL	Headache and nausea (for reference only)
15–20 % LEL	Dizziness, spasm, life threatening (for reference only)

2. Install the app

Download the Smart Life (or Tuya Smart) app from Google Play or the App Store, register a user account and log in.

3. Add the device

- Make sure the Zigbee gateway is connected to Wi-Fi and to the internet.
- Use a 5 V / 1 A power adapter and the USB cable to power on the device. Wait 1 minute for the sensor to warm up.
- Keep the device powered on, press and hold the reset button for 5 seconds, then release it. The indicator light flashes quickly – the device is waiting for pairing.
- Open the Smart Life app and tap "+" in the upper right corner. Find the Sensors category, select Zigbee sensor and choose the gateway to use.
- Make sure the indicator light of the alarm box flashes quickly, then tap "Next" to start pairing.
- When the progress reaches 100 %, the device is added. Select the room, rename the device if needed and tap "Done". The app opens the device interface.



4. Set up automation

- Tap "Smart" at the bottom of the app home page, open the Automation tab and tap "+".
- As the condition choose "When device status changes", select the Gas & CO Alarm Box and choose one of the parameters: Gas value, Gas state, CO value or CO state.
- Set the threshold – less than, equal to or greater than – and continue.
- Add the task: choose the device to control (e.g. light, curtain, air conditioner, fresh-air fan, humidifier, air purifier) and the command (on, off, timer etc.).
- Name the automation, set its effective period and tap Save – the automation is enabled immediately.

When the alarm box detects that a parameter has reached the set value, the linked devices are controlled automatically. One alarm box can be used in several automations at the same time.

5. Installation position

- Natural gas and CO: install within 30 cm from the ceiling.
- LPG (liquefied gas): install at a height of up to 30 cm above the floor.



Note

After the device is turned on, the sensor needs to warm up for 1 minute. Perform the test after the warm-up is completed.

Note from Smart-Switch.cz

The device has no backup battery and does not work during a power outage. Notifications and automations require a working Zigbee gateway and internet connection.

This document was prepared by Smart-Switch.cz based on the manufacturer's instructions (Smart Gas & CO Alarm – Instruction for use, Zigbee).