

Wi-Fi Gas Detector User Manual



| Brief Introduction

This detector is suitable for the place where natural gas exists. It can take safety detection and trigger alarm in the event of burning, explosion, poisoning, etc. caused by gas leakage. The product has the features of high sensitivity, high stability, multi-type gas detectable, small size etc.

| Function and Features

When the gas concentration value reaches 8% LEL, the detector will issue an alarm sound and the APP will remotely push alarm information. when the gas concentration value drop to below 4% level in surrounding environment, the detector will constantly alarm for 1 Minute before stopping the alarm, and can automatically return to the normal monitoring status

| Technical Parameters

Input voltage: DC5V (micro USB standard interface)
Working current: <150mA
Response time: <30s
Gas sensor lifetime: 3 years
Installation type: wall-mounted
Air pressure: 86 ~ 106Kpa
Working temperature: 0 ~ 55 °C
Relative humidity: <80% (no freezing)

| Product Schematic Diagram

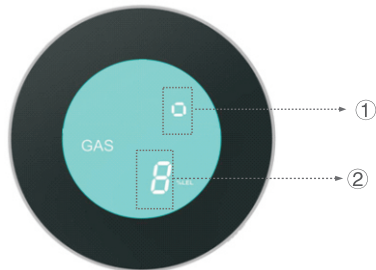


| Daily operation nouns

Alarm triggering: When the detector detects the gas concentration who reaches the alert value, the alarm will enter the gas alarm status, resulting in alarm tasks.

System preheating countdown: the sensor needs to preheat 180s after power on, to ensure the device works well.

| LCD interface Instructions

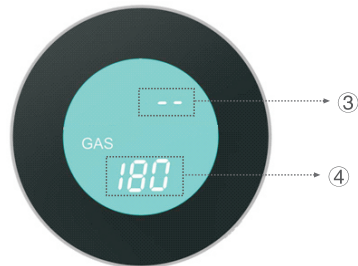


①: Indicate Wi-Fi network connected successfully. This icon will flash when Wi-Fi is configured and connected successfully. Otherwise the icon will not appear.

②: Current gas concentration value in the surrounding environment. The higher the value, the higher the gas concentration value. When the gas concentration value reaches 8% level, An alarm will be triggered.

③: This icon will continuously flash if Wi-Fi is not configured or connected to network.

④: System preheating countdown time: the detector needs to preheat for 180s after power on. The system enters normal monitoring status after preheating.



| Wi-Fi configuration (initial use)

>download APP

Scan the QR code on the product sales box to download APP or visit the company's official website to scan QR code to download APP.

>add device

Power detector on with power adapter, wait for the 180s preheating countdown time of the detector to end to enter the normal monitoring status.

Open the APP and login with account, long press the alarm's "TEST" key for 3s until the detector issues a long "beep" sound (at this time "SET" flashes on the LCD screen), click "smart configuration" on the APP's device page, follow the APP's operation prompts until the alarm issues a long "beep" sound to prompt the configuration is successful; if didn't configure successfully within 2 minutes, the detector will issue 3 short "beep" sound to prompt configuration failed.

>Wi-Fi binding

After Wi-Fi is configured, click on the device list on the APP's device page to bind Wi-Fi

| Unbinding Wi-Fi

- first disable the detector's power,
- Power the detector with main power,
- Press the "TEST" key five times continuously in the detector's preheat countdown time until the alarm issues a long "beep" sound and "rES" is displayed on the LCD, indicating that the Wi-Fi unbinding is successful.

(Note: The detector will lose networking after the unbinding of Wi-Fi, so you need to re-configure WIFI to use the APP function)

| Mute and Test

Mute function:In the gas alarm state, click the "TEST" key on the alarm or click the Mute button on the APP to temporarily mute the alarm.

Test function:In the normal standby mode, press the "TEST" key, the alarm issue 1s "beep" sound, and APP will push the alarm test information (APP push alarm information function requires the alarm has been configured with Wi-Fi).

| Detector debugging

- Plug the power adapter into USB 5V jack.
- After it issuing a tone,the detector begins 180s s preheating countdown.
- After preheating ending and the detector entering normal monitoring status, long press "TEST" key to start Wi-Fi configuration.
(Wi-Fi configuration is required Only for the first time)
- After the successful configuration and connection of Wi-Fi, click "TEST key" , the detector will issue "beep-beep-beep" tone and APP will push alarm test information.
- After completing all the above steps, the detector can work and make alarm normally.

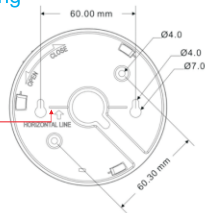
| Installation instructions

>Installation Precautions

- The product is designed for wall mounted installation. Please install it above the area where the gas leakage may occur.
- the detector can not be installed too close to the gas source above, suggest to install 2m above the gas source.
(so as to avoid false alarm caused in normal use of gas).
- the detector can not be installed in the bathroom or more humid place.
- the detector is strictly prohibited to contact with the paint and alcohol. If the house has these two gases, should be isolate them with the detector immediately to prevent damage to the sensor.

>Mounting plate size drawing

To ensure the best viewing angle of LCD display, when installing, use the horizontal line as the standard, place and install the mounting plate horizontally



>Fixing

>>Installing with screws

- drilling holes on the ceiling with impact;
- Install the expansion tube on the ceiling;
- Fix the mounting plate with tapping screws;
- Align the detector with installation plate's alignment and close it, then turn clockwise, and then you will hear the "click" . It means the detector is installed in place.

>>Installing with double-sided adhesive

- Remove the the protective film on t one side of double-sided adhesive, and then stick the double-sided adhesive onto the back of mounting plate
- Remove the protective film on the other side of the double-sided adhesive, and then fix the mounting plate onto the ceiling;
- Align the detector with installation plate's alignment and close it, then turn clockwise, and then you will hear the "click" . It means the detector is installed in place.



Illustration of installing with screws



Illustration of installing with double-sided adhesive

| Emergency treatment

When the gas concentration value reaches 8% LEL, the detector will make sound alarm and send alarm information to center. It indicates there is high concentration of leaked gas in the environment. The discoverer should immediately check according to the following procedure.

Note: Leak of paint, cosmetics, alcohol and other chemical products may also trigger alarm, please keep them away from the sensor to avoid false alarm

- Turn off all gas sources (stoves, cookers, gas water heaters, etc.).
- Immediately open the doors and windows to make air flow.
- Do not turn on other electrical appliances.
- If someone feels headache, nausea, general weakness, irritability or shock and other symptoms, should be rushed to the hospital for emergency treatment.
- After the gas subsided, find the cause of the alarm and solve it.

- If you can not rule out the cause of the accident, please consult your property management office.
- For the cause of the detector's quality problem, please contact the supplier for inspection.
- For gas leakage cause, please contact the gas company to overhaul gas pipelines, water heaters or stoves, etc. Which may cause leakage of gas.

| Attention

se and maintenance process, if found to have the following fault symptoms, should be promptly treated (see the following a / b / c description). If can not be resolved in time, should contact the after-sale service center in time. After the product get back to normal operation, the user should self-check gas regularly according to their own situation to ensure normal operation.

- Please refer to installation instructions and debugging chapters.
- Check and test alarm&power state once a week, contact the service provider if problem found
- Users are prohibited to disassemble the device , and don't clean the device with chemical spray, it may cause damage to the sensor. Please contact professional company or service provider for cleaning.

| Special statement:

- It is recommended to install with screws. If install with double-sided adhesive and cause accident and security incidents, the user should bear their own responsibility
- The alarm shows the concentration value only as a reference value of the gas detector, not as accurate concentration value.

PGST[®]

Date: Dec.12th,2017

产品型号	PA-210W	部件名称	PA-210W英文说明书
设计	Z	材 料	80g书写纸(正反印)
印刷尺寸	297*105mm		
工 艺	单黑	成品尺寸	74.25*105mm

注： 此说明书为折叠式分页，中间黑线无需印刷，
印刷尺寸：297*105MM
成品尺寸：74.25*105MM