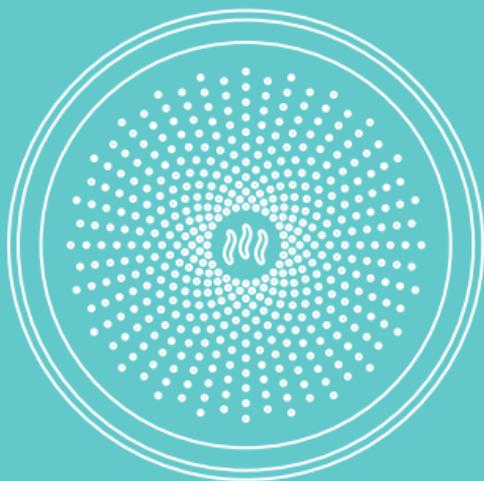


# USER GUIDE

# GAS SENSOR



Untuk versi bahasa Indonesia  
silahkan unduh pada website,  
[www.getaqila.com/download](http://www.getaqila.com/download)

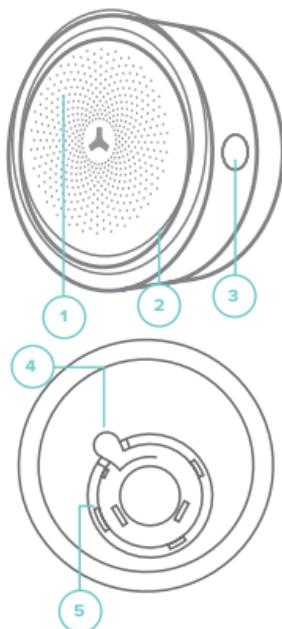
**AGILA**  
Rumah Lebih Aman, Lebih Pintar™

## Description

The gas sensor is used to detect the presence of flammable gases in an area caused by a gas leak. Aqila Gas Sensor is using low current semiconductor gas sensor technology with the advantage of more stability.

The sensor will quickly detect gas leakage and activate the alarm. Alarm signal will be immediately forwarded to Aqila Securehub™. Then you will be informed about the alarm via application notifications or phone / SMS. This sensor is suitable for use in homes, shop houses, villas, apartments, restaurants, and other places where the risks of gas leakage may occur.

## General Display / LED Indication:



① General Display / LED Indication:

② LED Indicator  
Green LED blinks quickly:  
Warming up

Green LED blinks slowly: Standby

Red LED blinks:  
Alarming

③ Test Button

④ Plug Handle (Press and rotate the plug)

⑤ Electricity plug

## Specifications:

Gas Type: Natural Gas  
Voltage: AC100V-240V 50 /  
60Hz  
Maximum Current: 2.3mA / 220V  
Power Rating: ≤1W (220V)  
Gas Density: 10% LEL

Alarm Sound: ≥70dB (at 1 meter)  
Operating Temperature: -10 °C  
~ + 55 °C  
Relative Humidity: ≤ 90% RH  
Dimensions (Diameter x Height):  
φ 80 x 41.7 mm

## Connects to Aqila Securehub™

The sensor can be connected to Aqila Securehub™ in 2 ways:

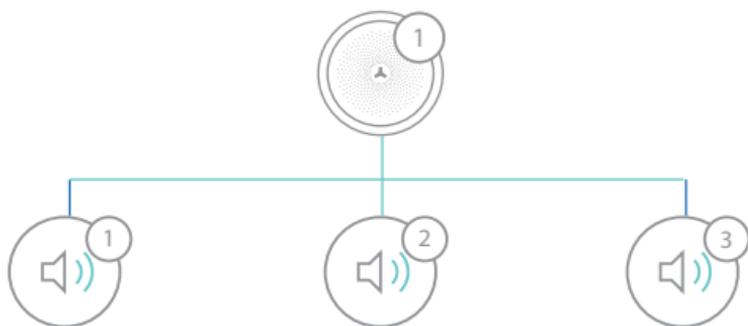
### 1. Via Aqila Securehub™

Press the Connection button on the Aqila Securehub™ to enter Connection Mode. Then on the Gas Sensor, the connection can be made in 2 ways, first by pressing the test button. Second by releasing a certain amount of gas (using gas lighter) with a distance of 5 cm towards the gas detection area. Then, the sensor will send a wireless signal to connect to Aqila Securehub™.

### 2. Via the Aqila Smart application.

In the Aqila Smart App, enter Aqila Securehub™ and select the “Sensors” icon, then select “add” and follow the instructions. Then press “x” to exit registration mode.

Connected gas sensors are set in the 24-hour zone as default.



Aqila Securehub™ beeps once and the LED indicator blinks once, it means connection process has been successful.

If Aqila Securehub™ beeps 2 times and the LED indicator blinks once, it means that the sensor has been connected before.

If Aqila Securehub™ beeps 3 times and the LED indicator blinks once, it means that the connection capacity to Aqila Securehub™ is full (up to 50 sensors).

## Working Mode

It takes about 30 seconds for the sensor to warming up (green LED green blinks quickly). The sensor will enter working mode once the green LED green stops blinking.

## Alarming

When the gas exceeds the density level, the red LED indicator will blink, and alarm will be triggered. Then the sensor will send an alarm signal to Aqila Securehub™, please resolve this condition ASAP. The sensor will stop the alarm and continue to the standby position once the gas volume / density decreases.

## Malfunction Conditions

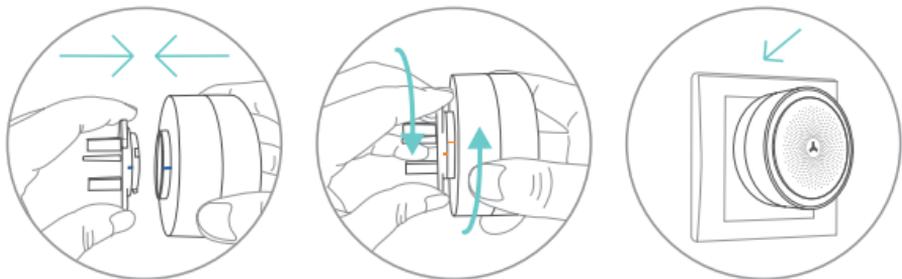
If the alarm is triggered (the red LED indicator flashes rapidly and the siren sounds) but there is no sign of a gas leak (there is no smell of gas), the sensor may be malfunctioning. Please contact our distributor or service center.

## Alarm Management

The sensor will trigger an alarm if it detects a gas with a high volume & density level, immediately resolve the situation by doing the following steps:

- Disconnect the gas tank.
- Open the window to let the gas flow out quickly
- Extinguish all sources of ignition and do not use anything that can cause fire such as lighters, matches, etc.
- Avoid turning on or turning off any electronic equipment.
- Check the cause of gas leakage, and immediately notify the relevant safety unit and professional personnel. If false alarm occurred, please double check whether the sensor has been installed in the correct place.

# Installation

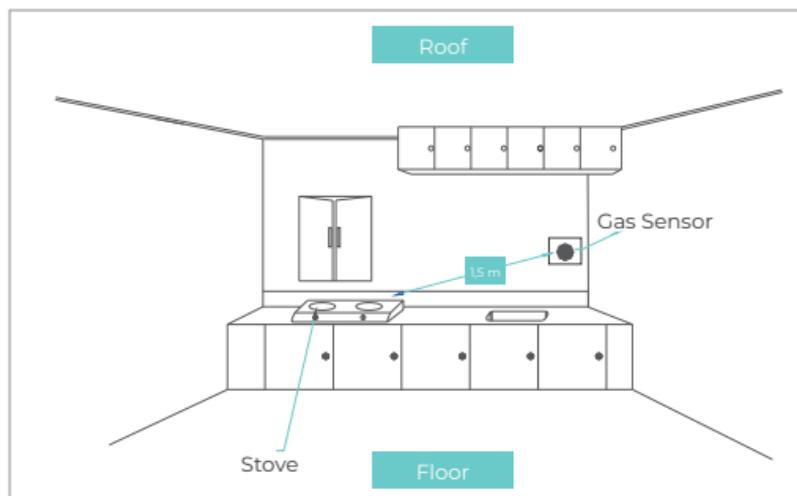


It is recommended to install the sensor in location where the distance to the gas source is no more than 1.5 meters. The detection will be more effective if sensor position is higher than the gas

Attach the power plug into the sensor by turning it. Then plug in the sensor to power outlet to activate.

## Caution:

Avoid installing the sensor close to sources that can cause interference, such as too close to the stove, direct air flow from vents, air conditioners, fans, doors, windows, sources of moisture or oil, etc



## Testing

After installation, release a certain amount of gas (using gas lighter) with a distance of 5cm towards the gas detector area to test the sensor. Testing it too frequent can reduce sensor sensitivity. The sensitivity to gas volume & density is automatically adjusted in the system. The sensor will stop the alarm and continue to the standby mode once the gas volume / density decreases.

## Maintenance

Gas sensors require periodic maintenance and testing every 90 days.

Clean the gas detector area with a soft brush and a little bit of cleaner. When cleaning the sensor, make sure it cleans the entire gas detection area. Perform another test after cleaning process.

## Attention

- Sensor is NOT equipped with a Battery so it must be plugged into the power outlet. Sensor will not work if the power source is cut off.
- Sensor requires periodic inspection according to applicable instructions.
- Sensor must be cleaned and tested every 90 days.
- For a variety of reasons, including but not limited to changing environmental conditions or electronic disturbances, it may be possible that the sensor not working properly.
- It is advisable to always be vigilant and take all necessary precautions for the safety and protection of yourself and your valuables.

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