

55

BASIC INFORMATION



This intelligent Gas Sensor detects gas leakages and sends an alarm through indicator lights and a buzzer. The Gas Sensor is directly linked to the Zigbee Gateway, so you will be able to receive push alerts via the TIS App for more advanced monitoring over your property. Remote control and highly durable design are among the many benefits of this solution.

1

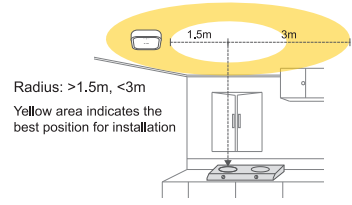
WARNINGS & SAFETY INSTRUCTIONS

The following must be read, kept, and observed before installation:

- The detector is for indoor use only.
- Improper use or installation of the device can cause **SERIOUS INJURY, DEATH, or LOSS/DAMAGE OF PROPERTY.**
- Do not use in a manner other than outlined in this document.
- Do not try to open or to repair the device by yourself. Leave device repair to a technician or an expert.
- It is recommended to mount this product to the ceiling.
- Do not install in areas where there is a risk of direct oil/smoke/water vapor damage to the device.

2

MOUNTING THE DEVICE



- 1 Select a position above the gas source on the ceiling within 1.5-3m radius from the source center

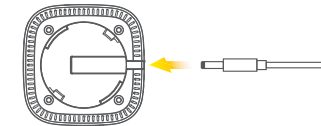
Do not install near a gas stove

3



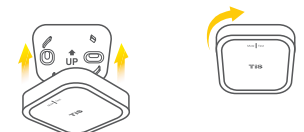
If using 3M tape, make sure the wall surface is smooth and clean.

- 1 Remove the bracket from the detector & fix it on the ceiling with 2 screws or 3M tape

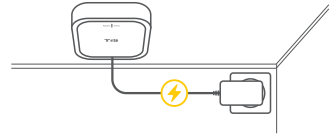


- 2 Connect the power cable to the detector

4



- 3 Fix and rotate the detector into bracket in clockwise direction



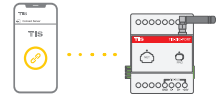
- 4 Plug in the power adaptor into an outlet and start the configuration process

5

CONFIGURATION

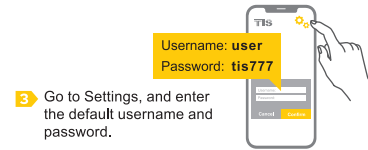


- 1 **Download the App**
Search for TIS Control & download the app.



- 2 Set up your hub (if not already set in the application).

6



- 3 Go to Settings, and enter the default username and password.



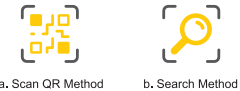
- 4 Go to the TIS-BEE configuration button, and follow the instructions.

7

55

55

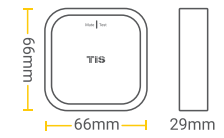
- 5 **Add the Device**
In the TIS-Bee configuration, press Add Device. Then, follow the instructions to add the device using the 2 available methods.



Select whichever method you prefer, and follow the instructions on the app.

8

TECHNICAL SPECIFICATIONS



- Transmit power** ≤10dBm
- Working voltage** DC12V (adapter)
- Standby current** ≤100mA (DC12V)
- Alarm current** ≤150mA (DC12V)
- Gas Type Detection** Natural gas (CH₄)
- Communication Protocol** Zigbee® 3.0 Network
- Working temperature** -10°C--+55°C
- Working humidity** ≤95%RH, No condensation
- Alarm sound** ≥70dB (front 1m)
- Item Weight** 170g

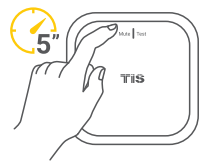
9

LED BEHAVIOR

LED Status	Description
Green LED is on	Normal working status
Yellow LED is on	Fault
Red LED flickers	Gas leakage is detected
Red, green, and yellow LED blink alternatively	Device is warming up
Green LED blinks rapidly	Device is successfully reset to factory settings

10

RESET TO FACTORY DEFAULT



- ▶ Press and hold the mute button for 5 seconds. When the indicator blinks rapidly, the reset has been done successfully.

11

TROUBLESHOOTING

Problem	Possible Cause	Solution
Unable to pair	Detector is away from the hub, or there are obstacles	Move detector closer to the hub

12

55

TIS BEE User Manual
Smart Gas Sensor



TIS TIS CONTROL LIMITED
 RM 1502-p9 Easey Comm Bldg 253-261
 Hennessy Rd Wanchai, Hong Kong
 www.tiscontrol.com



Please read the user manual carefully before operation