

HS1CG-Z

Z-Wave Device Guide Document



1-Device pre-heat

Power the device on, a “Di” sound, then green LED, red LED flash alternately about 180 sec, enter into normal model and Green LED is always on , after that, the device will be able to be included into network.

2-Device Add

- Click [Add] icon in Z-Wave Controller.
- Press the Net_Button 3 times within 1.5s, Green LED is Blinking 3 times within 1 second.
- If add Process is successful, Green LED will turn on.

3-Device Remove

- Click [Remove] icon in Z-Wave Controller.
- Press the Net_Button 3 times within 1.5s
- If remove Process is successful, Green LED is Blinking 6 times, then turn on

4-Device Factory Reset

- Long press Net_Button at least 10 seconds in the device.
- Device Reset Locally notification is Transmitted.
- Please use this procedure only when the network primary controller is missing or otherwise inoperable.

5-Association & Association Group Information

- Lifeline between controller and the device
- Supported command classes:
Notification report, and Device Reset Locally notification.
- Association Group description:

Association group 1: Lifeline association group

- Maximum supported node is 1.

Include command classes: Notification Report and Device Reset Locally notification.

►Association group 2: Root Device group(Notification)

Maximum supported nodes are 5.

1- Notification reports status of gas detected or no gas detected via Lifeline.

2-When the sensor detects status change of gas detected and no gas detected, the device will be triggered.

6- Notification Types and Events

-Press or release Test_Button, or Gas status is changed(Gas detected or no Gas detected) , Notification Report is transmitted

Notification TYEP

Notification Type	Event
GAS Alarm(0x12)	Previous Events cleared (0x00) (V7)
	Combustible Gas detected Unknown Location(V7)

7-Devices from multiple manufacturers in one network

- This product can be included and operated in any Z-Wave network with other Z-Wave certified devices from other manufacturers and/or other applicants. All non-battery operated nodes within the network will act as repeaters regardless of vendor to increase reliability of the network.

8-Z-Wave Specifications

■ Device Type : Sensor - Notification

■ Role Type :Always On Slave

■ Command Class Support/Control

- Z-Wave plus info
- Version
- Manufacture Specific
- Device Reset Locally
- Association Group Information
 - Association
- Power Level
 - Notification

9-Device LED status and Test mode

-LED status

Item	Color	LED status	sound
Power	Green	Always	NO
Alarm	RED	Blink	“Di-Di”
Fault	Yellow	Always	Buzzer Always “Di”

-Test mode

When Device is pressed Test_Button, red LED and green LED flash alternately,then buzzer make a sound “Di-Di”.

10-Technical Specifications

Model No.	HS1CG-Z
RF frequency	868.40- 869.85 MHz
RF operating distance	Up to 70m outdoor (open area) Up to 40m indoor
Temperature	-10°C ~ 50°C
Humidity	95% max
Weight	148g