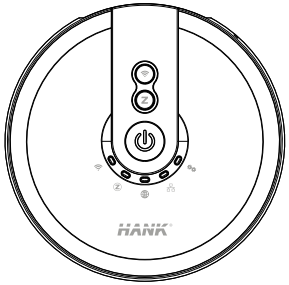


USER MANUAL

Z-Wave Gateway

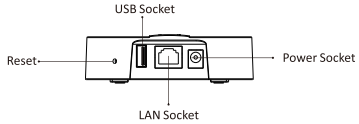
HKZW-GW01

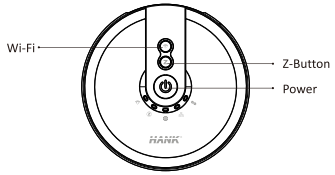
Smart gateway is a Z-WAVE controller with smart chips, it can format a Z-WAVE network to create a smart home.

The features list:
1. Smartphone app specially designed for your operating system.
2. Supports wired or wireless connection to the router.
3. Supporting firmware OTA.

Ⅰ. GENERAL INFORMATION ABOUT SMART GATEWAY

1. Product layout



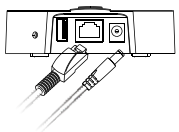


2. Specifications

Power supply:	DC5V
Power consumption:	≤1.8W
Storage environment:	-20℃~60℃ 0%~80%
Operational temperature:	-10℃~40℃
Radio protocol:	Z-Wave
Radio frequency:	908.42 MHz (US) WIFI:802.11b/g/n 20: 2412–2462 MHz 802.11n 40:2422–2452MHz
Range:	More than 150m outdoors About 40m indoors (depending on building materials)
Dimensions:	100mm (Φ) x 26.5mm (H)

Ⅱ. INSTALLATION

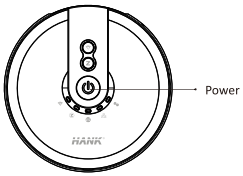
1. Connect wires as shown on figure below



Smart Gateway can connect to a router with a network cable.

2. Connect Smart Gateway
Connect power cable to the power supply, and network cable to the LAN socket in your router.

3. Start Smart Gateway
Start Smart Gateway with a POWER button and wait about one minute. Correct connection will be signaled by indicators (point Ⅸ).



4. Login to Smart Gateway
For android device:
Go to Google Play and search SMARTHOME or scan the QR code below with your smartphone to download and install SMARTHOME.

https://play.google.com/store/apps/details?id=com.hank.smarthome

Follow the wizard in the App to quick start.

Ⅲ. LED INDICATORS

POWER – Power status
[Off] Power off.
[On] Power on.

Wi-Fi – Wireless condition.
[Off] Smart Gateway is not connected wirelessly.
[On] Smart Gateway is wireless connected to a router (client mode).
[Blinking quickly] Smart Gateway is connecting to a router.

Z-WAVE – Communication within Z-WAVE network
[Off] Communication fail.
[On] Communication is normal.
[Blinking slowly] LEARN MODE - Smart Gateway is trying to add a new Z-WAVE device.
[Blinking quickly] LEARN MODE - Smart Gateway is trying to delete a device from Z-WAVE network.

INTERNET – Smart Gateway connected to internet
[Off] Smart Gateway could not connect to the internet server.
[On] Smart Gateway connects to the internet server.

LAN - Smart Gateway connected to Ethernet.
[Off] Connection fail.
[On] Connection is successful.

SERVICE – System status
[Off] System of smart gateway operating normally
[Blinking Slowly] Application error.
[Blinking quickly] Firmware upgrading or system resetting.

Ⅳ. BUTTONS

Power
Click to switch the power on and power off.

Z-Button
Click once – Entering LEARN MODE (add new Z-WAVE device).
Press and hold for more than 1 second – Entering LEARN MODE (delete Z-WAVE device).

Click once when in LEARN MODE will exit learn mode.

Reset Reset Button
Press and hold the reset button for more than 20 seconds, the Smart Gateway will turn its network setting and PIN to factory setting. SERVICE LED indicator will blink quickly during this 20 seconds.

FCC Caution.

1.This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

2.Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
-Reorient or relocate the receiving antenna.
-Increase the separation between the equipment and receiver.
-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-Consult the dealer or an experienced radio/TV technician for help.

* RF warning:
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.