Sound and light siren

The ZigBee product is a device that provides audible and luminous warnings. The internal sounding body adopts piezoelectric buzzer, which makes the sound louder; the light-emitting body adopts ultra-bright LED, which has low power consumption, long service life, energy saving and environmental protection. It has a wide range of applications and is used in factories, warehouses, hospitals, schools, banks, office buildings and other places that require anti-theft and warning. An example of product appearance is shown in Figure 1.

◉ Features

- Unique structure design, wall or desktop installation, beautiful and novel.
- Bi-directional communication with ZigBee gateway via Zigbee 2.4GHz.
- Support sound and flash dual-dimensional alarm, strong impact sound and visual warning.
- Super large decibel alarm sound to meet the large decibel alarm environment.
- The flashing frequency of the strobe light is high, and the bright red light is adjustable.
- Optional built-in backup battery for continuous battery life.
- The alarm duration is adjustable, and it can be silenced remotely to meet more personalized needs of customers

figure 1

◉ Technical parameters

Product Model：ES600Z
Product size：φ54mm*129mm*64mm
Working voltage：AC 110~260V
Working current：Standby current≤15mA; Alarm current≤150mA(DC 12V)
Communication method：ZigBee 2.4G
Transmission distance：≤130m (open visual distance)
Alarm sound pressure：≥100dBa (1m in front)
Alarm mode：On-site/network alarm
Flash frequency：280 times/min (±10%)
Adjustable duration：[0, 30] minutes
Installation method：In-line socket
Working temperature：-10℃～55℃
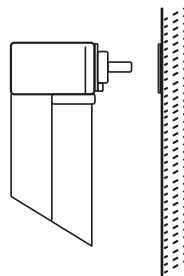Working humidity：≤95% (non-condensing)

figure 2

◉ Installation Notes

Choose a suitable socket for installation; please note: different standards use different plugs, please remind before delivery. as shown in figure 2:

◉ Operation and adjustment

1. Self-check:
   When the power is turned on, the blue indicator light is always on to enter the self-checking state, and after 10 seconds the indicator light is off to enter the monitoring state;
2. Pair with the Zigbee gateway:
   Open the APP, select the Zigbee gateway, add the device and select the Zigbee sound and light siren,

◉ Operation settings

   when the gateway is in the network configuration mode, press and hold the PAIR button for 5 seconds, the LED blue light flashes continuously to enter the pairing mode, the device is reset, and send a network access request to the ZigBee gateway. After the Zigbee gateway confirms, the blue light goes out, which means the network access is completed, and the APP prompts that the device is successfully added.

   The longest configuration time is 2 minutes. If it times out, it will automatically exit the pairing mode.

3. Set the flash red light mode.

   According to the scene, you can set the three modes of sound only, flash only, sound and flash through Innopro IOX smart APP.

   Set the alarm duration:

   According to the scene, you can set any alarm duration from [0-30] minutes through the Innopro IOX smart APP.

   Reset:

   Press and hold the PAIR button until the blue light flashes quickly, release the button, and the recovery is successful.

4. Test Mode

   Press the TEST button to trigger the sound and light alarm according to the Flash pattern.

5. Scene linkage

   Through the Innopro IOX smart APP, you can set any conditions to trigger sound and light.

◉ Notice

1. This sound and light siren should not be installed outdoor where it is easy to be damaged.
2. Confirm that the sound and light siren is in good contact with the power supply, so as to avoid the failure to trigger the warning message due to poor contact.

FCC Warning Statement

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

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.

RF Exposure Statement
To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance of 20 cm the radiator your body. This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.