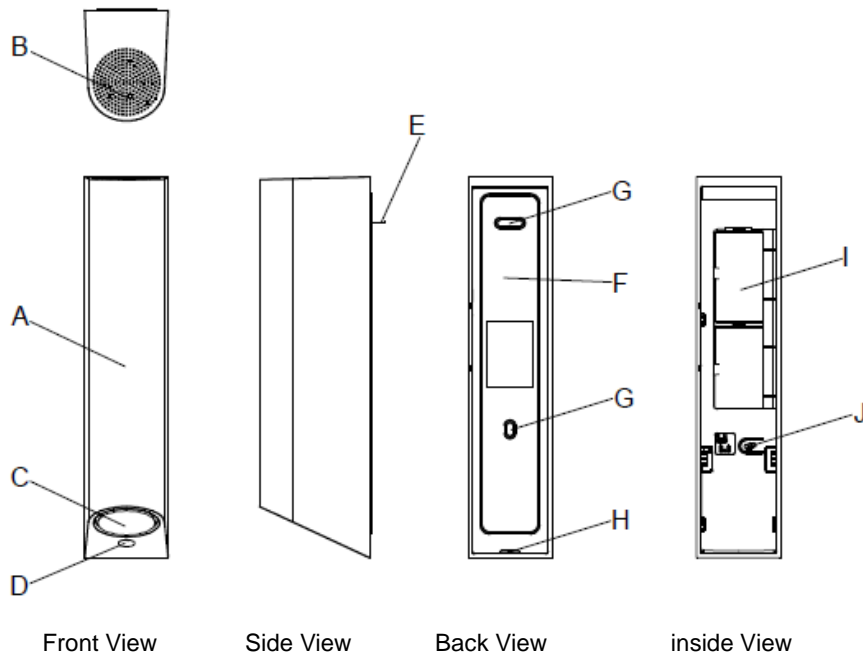# SE201 Indoor Voice Siren

## General Introduction

The SE201 Voice Siren is a two-way wireless alarm device which functions not only as a siren, but also a strobe light with voice indicator functions. Its great compatibility with our U-Net family security products makes it suitable for smart home cloud based platforms. This product is intended for indoor use only.

Main features:

- Piezoelectric siren emits alarm sound when activated under emergency.
- Playback of prerecorded audio sound from built in speaker. User can download sound files from PC into the unit's memory and played back through commands sent from U-Net controller.
- Built in digital temperature and humidity sensor reports environmental condition to the controller.
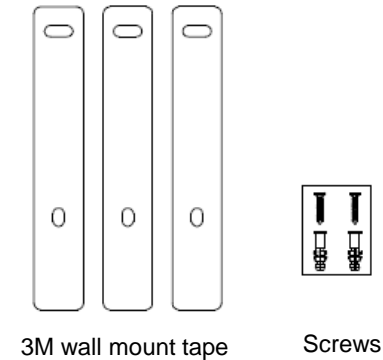- Tamper switch to detect removal of its cover.

## Product Layout

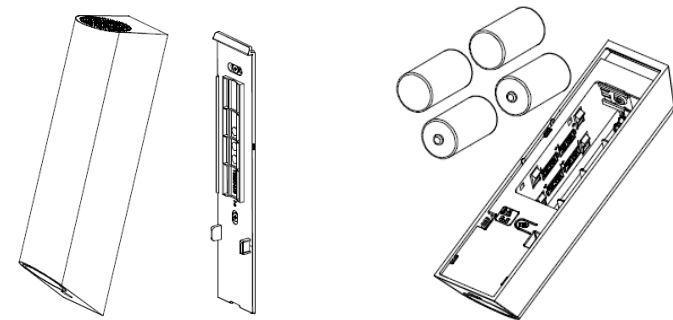

Front View          Side View          Back View          inside View

### Keys

| A. | Siren Speaker | F. | Backplate |
|---|---|---|---|
| B. | Voice Speaker | G. | Screw mount |
| C. | LED indicator | H. | Slot |
| D. | Temperature sensor | I | Battery |
| E. | Battery Mylar | J | Learning button |

## Accessories



3M wall mount tape          Screws

## Pairing to Controller

1. Pull the front cover out and insert 4 LR14 (C-cell) batteries.
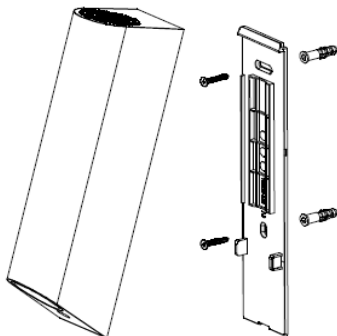


2. Log into the VIAS account from the APP, and enter the gateway to system main control page.
3. Select Menu List>System Setup>ADD DEVICE>choose "Installation" on
4. Siren.
5. Please follow and complete the instruction on the APP to binding with central gateway.
6. Locate the learning button "J". Do not activate pairing on the controller yet.
7. Press and hold the learning button for more than 3 seconds siren until the siren emits 3 beeps followed by a long beep. Release the learning button
8. Quickly activate pairing on the controller. The LED should stop blinking indicating the pairing process is complete.

## Mounting

The SE201 should be mounted inside the building in a position that is clearly visible and at a height which is relatively inaccessible to an intruder. It is also suggested not to mount the unit in the basement to avoid poor transmission.

1.  Remove the backplate from the siren.

2.  Use the backplate as a template to mark and drill the position of 2 mounting holes on the wall. Fix the backplane to the wall using the plastic wall plugs and fixing screws provided.

3.  Slide the unit down to the backplate.

## Maintenance

When the battery becomes low, the detector will report back to the controller.

## Software reporting commands

| Auto report | When battery is inserted, it will report to controller after 2 minutes. It will report the condition every hour. |
|---|---|
| Status change | 1. Tamper switch is release: It will report to controller and broadcast 2<sup>nd</sup> voice sound. <br> 2. Sudden change of temperature over 2 degrees: SP201 would report to controller. |
| Temperature and Humidity report | SE201 would measure every 5 minutes and would report every 30 minutes. The report period can be set from 300 sec~ 3600 sec through the controller. |

## Troubleshooting

The troubleshooting table lists some possible causes and solutions. Please contact your original retailer or nearest service center if the below solutions cannot solve your problem.

| Symptom | Possible Cause | Recommendation |
|---|---|---|
| SE201 LED indicator stops displaying | Batteries inserted wrongly or battery is flat | Check if 4 batteries are inserted properly |
| The siren doesn't respond to alerts and system changes. | 1.The binding process has failed <br><br> 2. The siren cannot communicate with the controller. | 1. Please follow the instructions about pairing to controller. <br><br> 2. Place the siren closer to the controller. |

## Reset to factory default:

To reset SE201 back to factory default state:
1.  Press and hold the learning button "J" (as shown in the Product Layout section) for more than 3 seconds until the siren emits 3 beeps followed by a long beep. Release the learning button. The Blue LED will flash repeatedly.
2.  Press and hold again the learning button, this time for more than 6 seconds, until another long beep is heard, then release. The siren is now reset back to factory default.

## Specifications

| Operating temperature range | -10°C to 40°C |
|---|---|
| Operating humidity | 85% RH at 30°C |
| Battery type | 1.5V LR14 x 4 |
| RF Frequency | 868 MHz Band range (EU) <br> 923 MHz Band range (US) |
| Sound | Alarm sound(30 cm):110 dB <br> Voice sound(30 cm):80 dB |
| RF transmission range | Up to 800m (Open space) |
| FCC ID | FU5SE201-2 |
| IC | 23210-SE2012 |

*Specifications are subject to change without notice.

**WARNING:**
Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities. Contact your local government for information regarding the collection systems available.
If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being.
When replacing old appliances with new ones, the retailer is legally obligated to take back your old appliance for disposal free of charge.

**CAUTION:**
RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.
DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS

**Federal Communication Commission Interference Statement**
FCC warning:
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. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference
(2) this device must accept any interference received, including interference that may cause undesired operation.
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 equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

**Industry Canada statement:**
This device complies with Industry Canada licence-exempt RSS standard(s).
Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le present appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

(1) l'appareil ne doit pas produire de brouillage, et
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, meme si le brouillage est susceptible d'en compromettre le fonctionnement.

This equipment complies with IC RF radiation exposure limits set forth for an uncontrolled environment.

Ce matériel est conforme aux limites d'exposition aux rayonnements rf de ic énoncés dans un autre environnement.