

# SE204

# Outdoor Siren

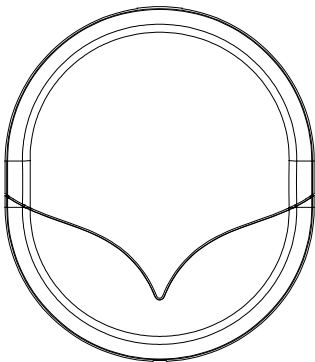
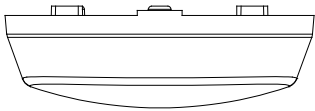
## General Introduction

The SE204 Outdoor Siren is a two-way wireless alarm device that not only features an alarm function but also comes equipped with a light indicator function. It is compatible with our U-Net family of security products, making it suitable for smart home cloud-based platforms. This product is intended for outdoor use only.

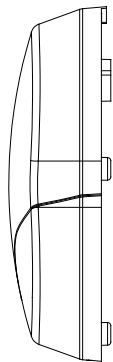
## Main features:

- The buzzer sound can be set to low, medium, or high.
- The alarm duration can be adjusted from the control panel.
- Configurable arm/disarm and entry/exit delay beep sounds.
- Tamper switch to detect the removal of its cover.
- Power can be supplied through two options: a DC adapter or 4 \* 3V CR123A batteries.

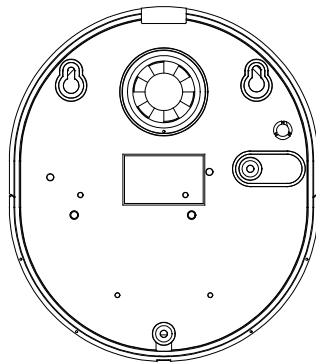
## Product Layout



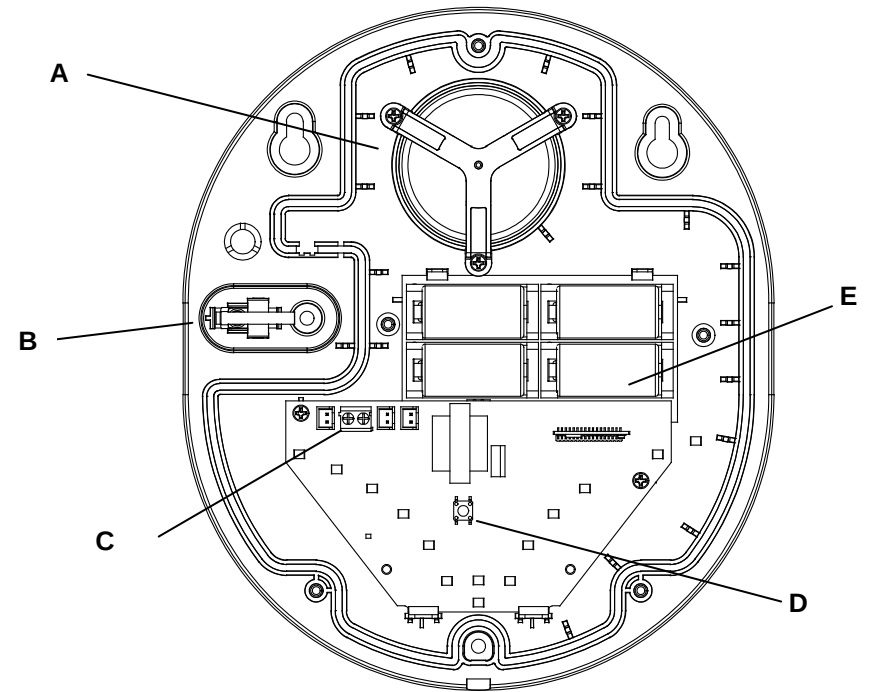
Front View



Side View

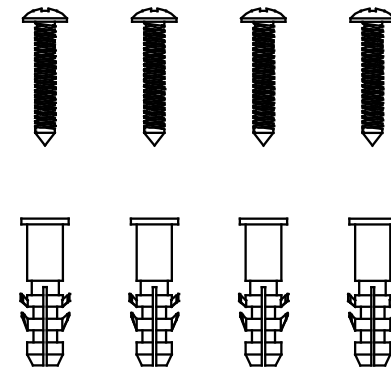


Back View



|                  |                    |
|------------------|--------------------|
| A. Buzzer        | D. Learning Button |
| B. Tamper switch | E. Backup battery  |
| C. DC terminal   |                    |

## Accessories

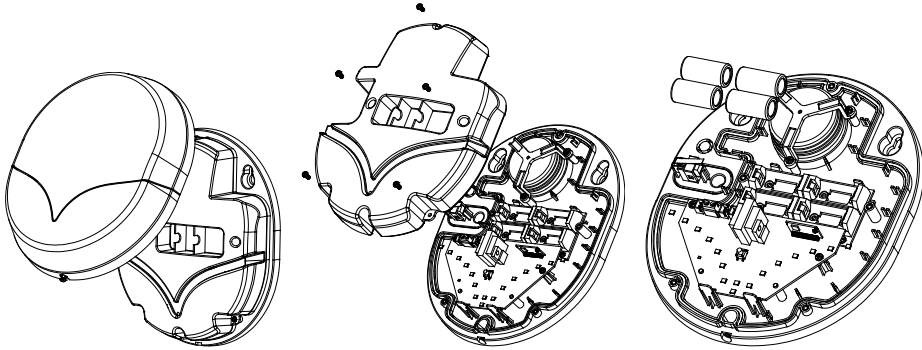


Screws

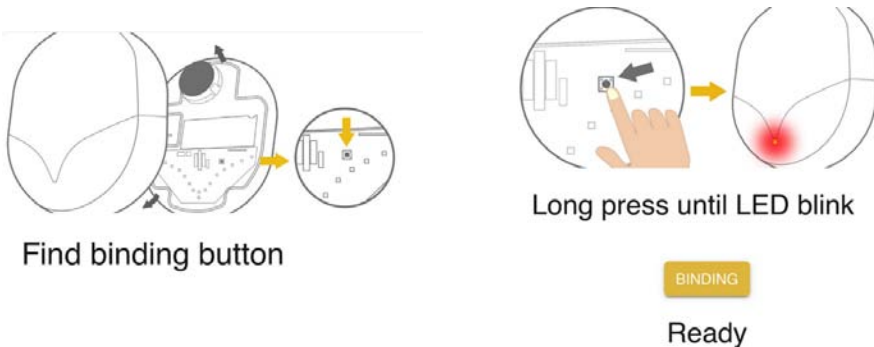
## Operation

### Pairing procedures in the VIAS app

1. Battery option: Open the front cover and the waterproof back cover out and insert 4 CR123A batteries.  
DC option: Puncture the hole for the DC power line, inserts the DC cable, and secure it to the DC terminal.



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 "SE204" on device installation



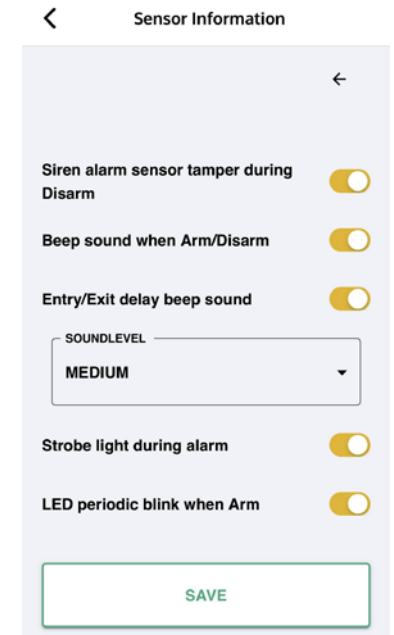
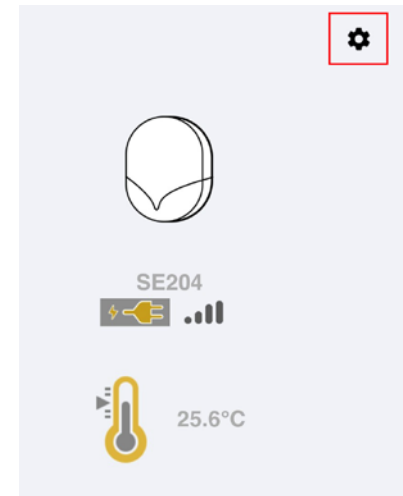
4. After naming the SE204, configuring the settings, and saving them, the pairing process will be successful.

## Sensor information

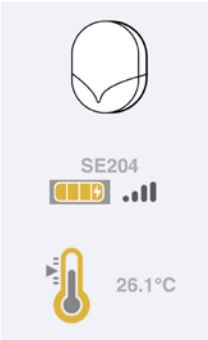
The sensor information page will display sensor's status as shown below.

### Configuration

Click on the right-top setting in sensor information page

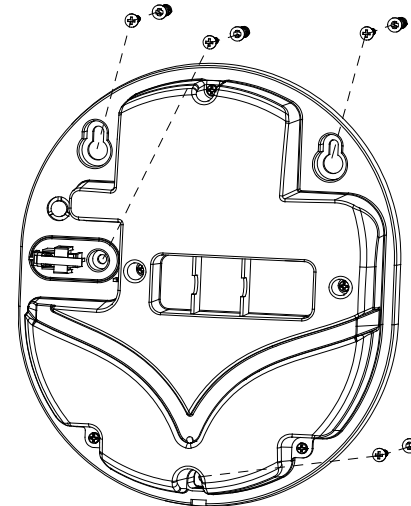


- Siren alarm sensor tamper during Disarm: Activation when the tamper function of other sensors is triggered, whether it triggers the SE204 alarm.
- Beep sound when Arm/Disarm: Activation when SE204 emits a "beep" sound when Arming and a "beep beep" sound when Disarming.
- Entry/Exit delay beep sound: Activation when SE204 emits continuous beep sound when Entry/Exit delay occurs.
- Sound level: Adjustable alarm sound volume, including Low, Medium, and High.
- Strobe light during alarm: Activation when the strobe light flashes when the SE204 alarm is triggered.
- LED periodic blink when Arm: Activation when the LED of SE204 flashes periodically every 10 seconds in Arming mode.

|                                                                                                                           |                                                                                                                                         |
|---------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| <b>SE204 is triggered:</b><br>           | <b>Batteries as a power source:</b><br>                |
| <b>DC adaptor as a power source:</b><br> | <b>Both DC adaptor and batteries(DC priority):</b><br> |
| <b>Low battery Warning:</b><br>         | <b>The tamper of the SE204 is triggered:</b><br>      |

## Mounting

Open the upper cover of the device and fix the device to the wall by locking the screws



## Maintenance

**Low Battery:** When the battery becomes low. The detector will report back to the controller.

It can be temporarily disabled on sensor information page for maintenance. In the meantime, the event triggered or status of device will be ignored.

## Software reporting commands

|                     |                                                                                                                                                  |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Auto report         | When battery is inserted, it will report to controller after 2 minutes. It will report tamper/battery/siren and DC adaptor condition every hour. |
| Status change       | Tamper switch is release: It will report to controller and will activate alarm sound.                                                            |
| Temperature report  | It will report to controller every half of hour.                                                                                                 |
| Power Supply report | When first power on, it will report power source to controller after 2 minutes. And then it will report every hour.                              |

## Specifications

|                                          |                                                     |
|------------------------------------------|-----------------------------------------------------|
| Operating temperature range              | -20°C to 50°C                                       |
| Operating humidity                       | 95% RH                                              |
| Battery type                             | CR123A 3V *4                                        |
| RF Frequency                             | 868 MHz Band range (EU),<br>923 MHz Band range (US) |
| Sound level                              | Low(95dB), Medium(100dB), High(105dB)-@1m           |
| RF transmission range                    | Up to 1000m (Open space)                            |
| Security Grade 2, Environmental Class IV | EN50131-4:2019, EN50131-5-3:2017                    |

\*Specifications are subject to change without notice.



## Trouble Shooting

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                                                                                                           |
|-------------------------------------------------------------------------------|------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| LED on siren not illuminating                                                 | Improper battery connection or reverse polarity            | Check if 4 batteries are inserted properly.                                                                              |
|                                                                               | Siren is out of order                                      | Do not attempt to open the casing as it will invalidate the warranty. Send it for repair.                                |
| LED on siren operating, but cannot learn the ID code or take control of siren | Failure learning the ID code under Siren controlled system | According to the operating instruction, resume learning the ID code process. Ensure it is set at siren controlled system |
|                                                                               | Radio channel interference                                 | Wait for a moment to start operating                                                                                     |
| The siren doesn't respond to alerts and system changes.                       | The pairing process has failed                             | Please follow the instructions about pairing to controller.                                                              |
|                                                                               | The siren cannot communicate with the controller.          | Place the siren closer to the controller.                                                                                |

## Reset to factory default

To reset SE204 back to factory default state:

1. Press and hold the binding button for more than 3 seconds then release the learning button. The RED LED will flash repeatedly.
2. Press and hold again the learning button, this time for more than 6 seconds then release. The siren is now reset back to factory default.



### 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:

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.

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.

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.

**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 présent 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, même 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.

This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body."

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

Ce matériel doit être installé et exploité à une distance minimale de 20 cm entre le radiateur et votre corps.



EVERSPRING®  
www.everspring.com

50 Sect. 1 Zhonghua Rd Tucheng  
NewTaipeiCity 236 Taiwan