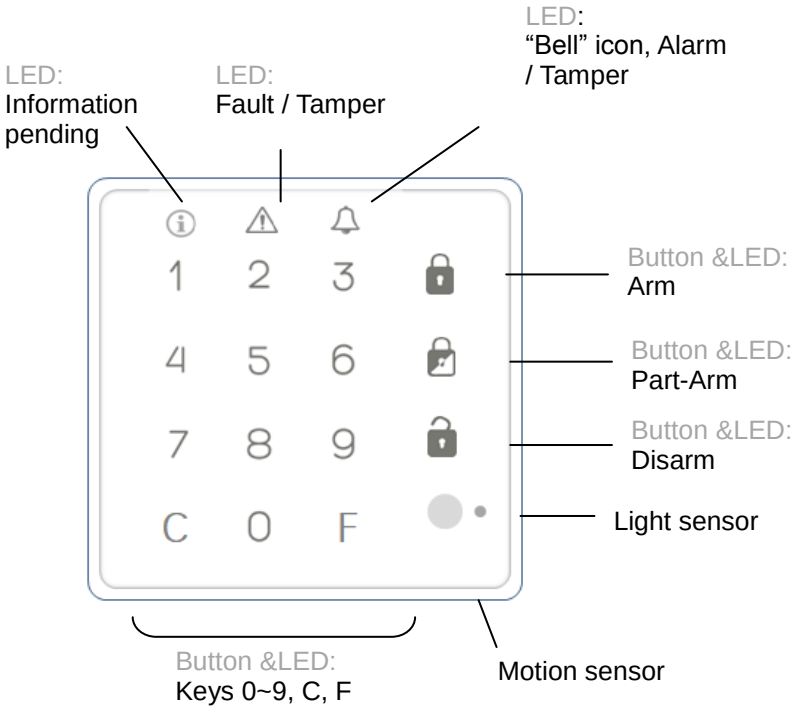
SK201 Wireless Touch Keypad

SK201 is a two-way keypad; it lets user input their PIN codes into the alarm system for arming or disarming, and inversely, it fetches the alarm state of the system to display to the user. Therefore the numbers on the keypad is able to show triggered zones during an alarm, or fault and tamper codes if occur. Its internal buzzer beeps during entry/exit delays and even sound during an alarm.Powered by battery and running U-net wireless technology means the SK201 is cable-free, making it an easy to install.

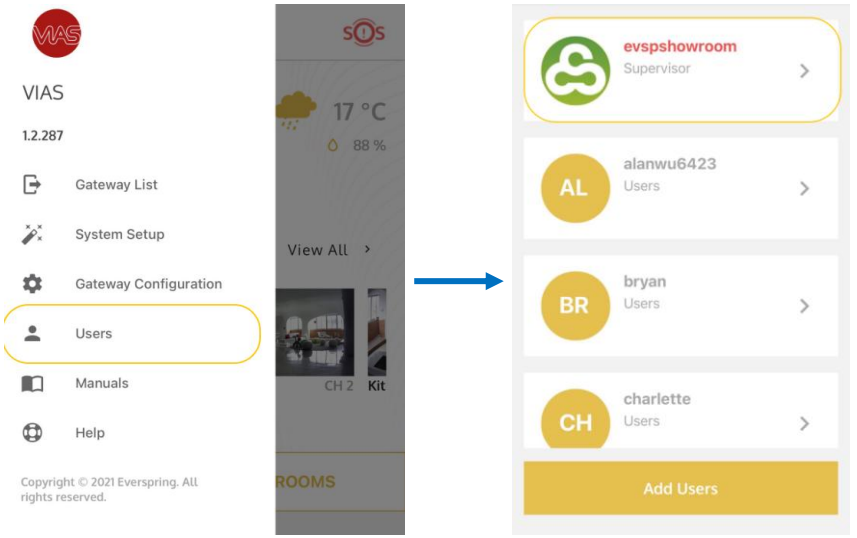
Main Features

- Touch contact input
- Wakeup by motion or touch
- Displays alarm status
- Internal buzzer
- LED brightness auto adjust
- Tamper detection
- Battery powered

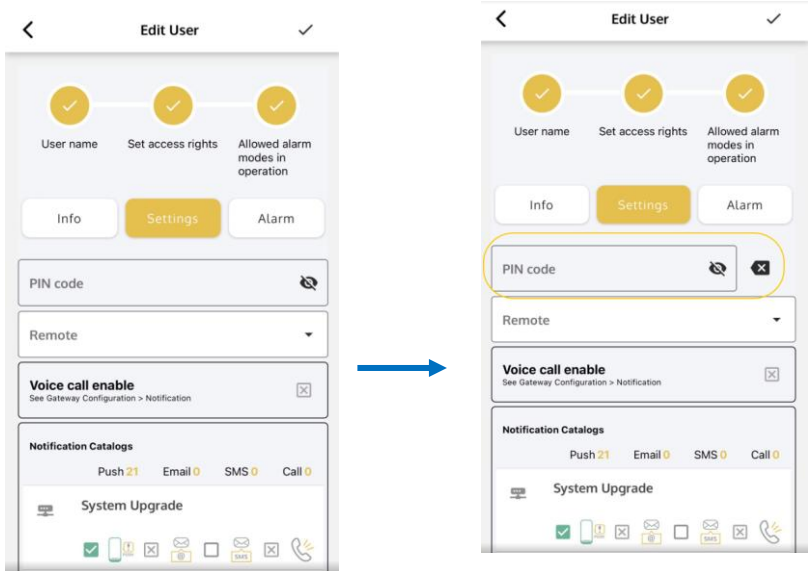
Using the Keypad



The alarm system is operated mainly with the keypad. **The user must first create a PIN code using the App before using the keypad.** For creating a PIN code. You need to set it from the “Users” on APP selection menu. Press one of the user on the list to get into the Edit User. The PIN code can be set on “Settings” of Set access rights. Each user can assign different PIN code for operation the system by keypad. For the way how to add other users, please refer to 5.8 on SC109 control panel user manual.



If you want to change the PIN code, you can simply input the PIN code again and save. There are maximum 4-digit of numbers can be set on operating the keypad. To delete it, choose arrow button on the right part of PIN code. It will clean up the PIN code on this user.



The keypad also serves as a visual display to show current security mode, fault and tamper condition. It incorporates a buzzer for entry/exit delay indication and if required, to indicate alarm condition.
To conserve battery life the keypad remains in sleep mode until woken up by its motion sensor or touch input by user. When in wake state the keypad will display the current security mode through the three icons Arm, Part-Arm and Disarm.

Note: When first power on
When Controller is first powered on, the keypad will display all the fault conditions of the system. To clear these initial faults;
- on sensors, siren and keypad; remove the batteries and insert back again.
- attach back all the backplates of all sensors and devices to resolve any tamper events.

The faults will be cleared after 5 minutes and user can proceed to use the system normally.
For more details about the faults see 'Fault display' section on the next page.

The following section describes operation of the alarm system through keypad.

Arm
On the keypad, input the PIN number followed by the Arm icon.
e.g. press **1**-**2**-**3**-**4** → **Arm**

All zones must be closed before arming the system, including Exit delay zones. Zones configured as Exit delay may only be opened once the countdown for Exit delay has started.
When Arm is complete, the keypad will emit a long beep sound.

Disarm
On the keypad, input the PIN number followed by the Disarm icon.
e.g. press **1**-**2**-**3**-**4** → **Disarm**
When Disarm is complete, the keypad will emit a long beep sound.

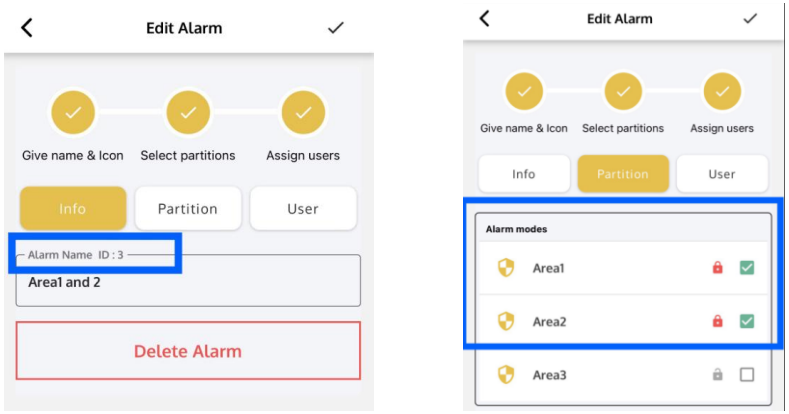
Part-Arm
On the keypad, input the PIN number followed by the Part-Arm, then by the Part-Arm number. The Part-Arm number can be 1~99
e.g.
press **1**-**2**-**3**-**4** → **Part-Arm** → **3** ; for Part-Arm 3
press **1**-**2**-**3**-**4** → **Part-Arm** → **16** ; for Part-Arm 16
When Part-Arm is complete, the keypad will emit a long beep sound.

The Part-Arm number is followed by Alarm Name ID on display.

To Add New Alarm mode, you can open the "System Setup" at left menu→ Choose Add New Alarm Mode.

To Edit Alarm mode, you can press central alarm button→settings→Alarm Modes Manage and press and hold one of partition to enter Edit pages.

You can select different partitions to operate the part-arm in this mode.



Note: For the user with no security access right (for example: only view the camera or operate automation) is not able to operate the keypads. The condition is set and followed by User Permission Settings. (Please refer to 5.9 Set Permission types for the controller)

Duress Code
The code is used after the PIN code on keypad to send out the emergency to monitoring center when you disarm the system. Default is 911, you can change the code from APP menu→gateway configuration→enter settings→Security Duress Configuration

Panic
To activate the Panic/Hold-up alarm using the keypad, press both "**1**" and "**3**" keys for at least 3s.

Bypass/Override
If a zone is opened when arming, the keypad will display the active zone(s). The keypad will also display tamper of fault codes preventing the system from arming.
Zones are displayed as double digits with numbers blinking in sequence, e.g. zone 5 displayed as "05" with blinking "0" then "5".
Tamper and faults are displayed in single digit. Refer to section below for the list of tamper and fault codes.
The ⓘ icon will indicate if there are still other pending conditions waiting to bypass.

To cancel arming and return to Disarm mode, press the **C** button.

To bypass a zone, press **F** followed by the Zone number displayed on the keypad. e.g. to bypass zone 5, press **F→ 0→ 5**

To bypass a tamper or fault, press **F** followed by the Tamper/Fault code displayed on the keypad.
e.g. to bypass Tamper code 5, press **F→ 5**

Repeat this for every Zone open, tamper or fault condition until the system proceeds to Arm, or starts the Exit delay countdown.

Restore
To restore the system after an alarm condition, first Disarm the system using the PIN code. The ⓘ icon will turn on and the keypad will then display the alarm alert from the Controller's memory. To restore, press C button to confirm the alert.

If multiple alerts occur, the ⓘ icon will continue to turn on indicating pending alerts waiting to be restored. Press **C** button to confirm until the last alert has been cleared and the ⓘ icon turns off.
Whenever there is a pending alert waiting to be restored, the ⓘ icon will turn on each time the keypad wakes up, to remind user to input PIN code to restore the system.

Note: All alarms must be restored before the system can be armed again,

Exit/Entry delay
The keypad will beep slowly in the early part of delay and beep faster in the remaining 5 secs.

PIN Error
When a wrong PIN code is entered, the ⚠ icon will blink while the keypad waits for the next input.

Keylock
Keypad keys will be locked after a preset number of successive PIN Error input. When this happens, a tamper event will be generated and logged. Refer to section 6.5 'Modify Settings' to set the number of retries and lock period.

Tamper and Fault display
The keypad will display code numbers when Tamper or Faults occur in the system.
Tamper codes are listed as below.

Tamper Event	Code*	⚠ icon	icon
Sensor Tamper	**2**	Blink	On
Siren Tamper	**3**	Blink	On
Keypad Tamper	**1**	Blink	On
Controller Tamper	**8**	Blink	On
Keypad lock	**C**	Blink	On
RF jamming detected	**4**	Blink	On

*display only when the event occur.

Fault codes are listed as below.

Fault Event	Code*	⚠ icon	icon
Sensor/Siren low battery	**1**	On	Off
Keypad low battery	**9**	On	Off
Siren lost connection	**6**	On	Off
RF interconnection error	**4**	On	Off
Controller DC power cut	**2**	On	Off
Controller battery : low battery, battery abnormal	**3**	On	Off
Communication device error	**5**	On	Off
Internet connection error	**7**	On	Off

*displayed repeatedly until fault is removed.

If multiple faults occur during Disarm, the ⓘ icon will indicate there are other pending faults waiting to be checked. Press the **C** button to see the next fault until the last fault (ⓘ icon is off).

Specifications

Frequency range	868MHz(EU), 923MHz(US)
RF range	>1km (open space)
RF protocol	U-net 5.0
Input method	Touch contact
Battery type	1.5V alkaline AA x 3
Operation temperature	-10 ~ 45°c
Operating humidity	85% RH max
Dimension (mm)	93(W) x 29(D) x 95(H)
Weight	210g, including batteries
Battery Life	Up to 3 years
Environment	Indoor use
Security Grade2, Environmental Class II	EN50131-1:2006A1:2009/A2:2017/A3:2020 EN50131-3:2009 EN50131-5-3:2017 EM50131-6:2017

*****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
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 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.
FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.
This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

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