



EKSELANS BY ITS

LAN + WiFi + Cellular Smart Alarm System User Manual



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Introduction

- Thank you for purchasing the SEKUR IP. It will give you a complete control over your home's security and home automation via your smartphone, tablets or web clients. This manual will guide you through the setup procedures and highlight some key features.
- The system could be operated via smartphones, tablets or web clients.
- Please note that all contents listed here might be slightly different from the contents of the package or in App. Please check **www.ek.plus** to obtain the latest version of the user manual.

Important Notes for Users

- Please connect the power cable before first using.
- All sensors and devices in the package have already been paired with the main box before shipping. Users can start using the whole system after setting the network. For the extra accessories (like sensors or smart devices), you need to pair them with the system for working normally.
- We make this system easy to set and use. Most users can finish all process within 15 minutes. If there is any problem with the setting, please stop and contact the distributor for help.
- All manuals, warranty cards, nameplates and stickers with QR codes or barcodes, should be carefully kept for further use.

About Safety

- This system does not offer any guarantee of protection against burglary, robbery, theft, or any type of emergency. It is a DIY product and does not come with a traditional monitoring service. However, most of the risks have been considered in our design to make your home safer.
- The users should continue to act prudently to protect the security of their lives and property. Any alarm system is subject to compromise or failure for a variety of reasons as follows
 - An intruder may gain access through unprotected openings.
 - An intruder may have the technical sophistication to bypass a sensor or the whole system.
 - Signals sent by the main box or sensors may be blocked or reflected before being received, and a block can occur if metal objects are moved into the path of the signal.
 - Motion sensors can only detect the intrusion within the specified ranges and unobstructed areas.
 - Malfunction of routers, limited services by wireless phone carriers or internet service providers, limited service such as text messages or push notification provided by smartphone makers.
 - Component failures or some other errors happen in the electrical system.

Requirements

- Wired/Wireless Router compatible with Wi-Fi IEEE 802.11 b/g standard.
- Internet Service Provider
- Mobile Telephone SIM card (only GSM/WCDMA/LTE SIM card, not CDMA one)
- iPhone or Android smartphone
 - iOS version 7.0 or higher
 - Android version 4.3 or higher.

System Status & User Authorities

- The SEKUR IP system does not support any wired sensors. The main box communicates with all sensors via wireless RF signal protocols.
- Most of the sensors have low battery warning mechanism. Users would receive notifications before the battery runs out.
- The system can change its security status according to the commands given by users or the signals sent from the triggered sensors..

ARM: All working sensors can be triggered. The system will generate an alarm when receiving the trigger signal sent from sensors.

DISARM: This mode will deactivate all sensors. This mode will also turn off the siren and stop the alarm process.

HOME ARM: This mode will allow some selected sensors to keep working while others are deactivated. These sensors could be selected in App.

SOS: This mode will trigger built-in siren and send alarm messages to emergency contacts. It also triggers external sirens or other sensors like smart plugs.

- Life-related sensors like Smoke Detector or CO Sensor will keep working all the time.
- There are three levels of user authorities.

ADMINISTRATOR:

Who can fully control the system and invite other users with assigned levels

USER:

Who can operate ARM/ DISARM/HOME ARM/SOS and control the smart plugs and cameras, also can invite other people as USER or GUEST.

GUEST:

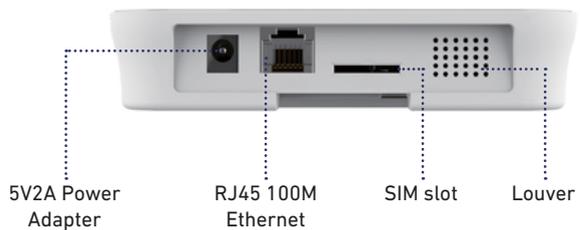
Who can only operate ARM / DISARM / HOME ARM / SOS.

The Outlook

Front View

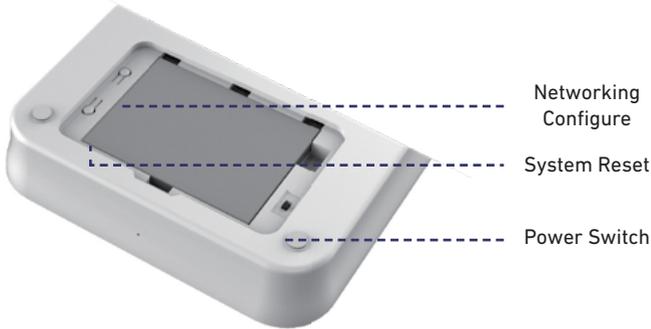
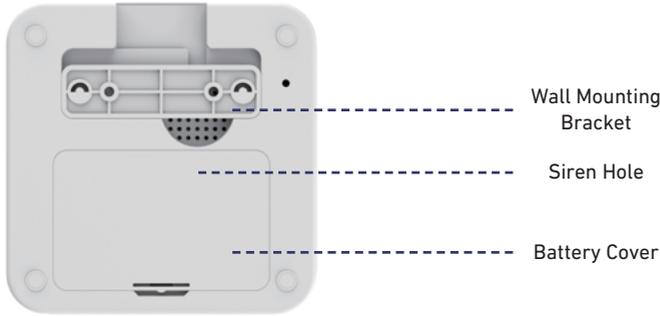


Top View



STATUS	LED	MEANING
Normal Status	Light ON	ARM/DISARM/HOME ARM/SOS Etc.
Setting Status	Fast Blinking	Networking Configure
		Reseting
		Updating
Errors	Slow Blinking	Low Battery
		Networking Errors
		Other Errors

Back View



Quick Setting Up

1- Install the Latest App

- Please search SEKUR IP in App Store or Google Play, or scan the QR code printed on the package to visit the download page directly.

2- Prepare the Internet Networking

- Please ensure the router you are using has already been connected to the Internet with DHCP mode enabled. Nova supports IPV4 protocol only.

- The system supports the following networking type:

- LAN: 10/100M ethernet.

- WiFi: 2.4GHz, WEP/WPA/WPA2 encrypted.

3- Put the Main Box to a Suitable Place

- If you are using WiFi connection for the box, try your phone first to see if it could be connect to that WiFi around the installing location, to ensure the WiFi signal can be received by the main box.

4- Install the SIM Card (Optional)

- Open the battery cover on the back, turn OFF the power switch.
- Open the SIM slot and insert the SIM card. Standard SIM card is required. If you are using the Nano-SIM or Micro-SIM, please use card adapter to make sure it could fit the slot.
- Close the SIM slot.

5- Power ON

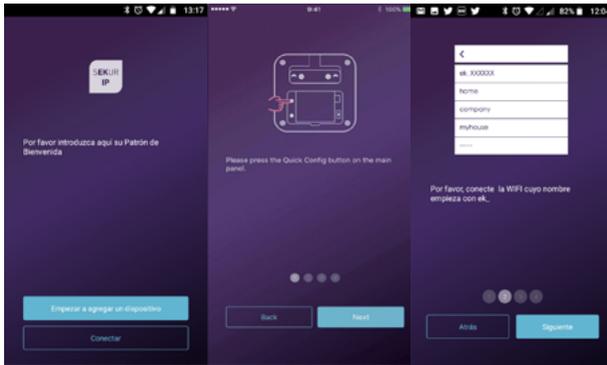
- Connect the power cable and turn ON the power switch.
- Wait a few seconds until the LED indicator on the front cover light up brightly.

6- Setting Networking

- Hold the Networking Setting Button in the battery cover until the LED indicator starts flashing.

- Launch the App - [Start to add a main panel] - [Quick Config Mode], following the guideline to finish the networking process.

When the app asks you to connect to the WiFi ek_xxxxx enter the password 1234567890



NOTE: In some cases, if process can not be completed, and depending on terminal, data from telephone should be disconnected manually in order to be able to finish configuration.

7- Check Setting

- Make sure your mobile phone has been connected to the Internet via cellular or WiFi.
- Try pressing ARM/DISARM button in App, to see if the status icon in App would be changed immediately.
- Try using remote control, pressing ARM / DISARM button to see if the status icon in App would be changed immediately.

8- Finishing & Mounting

- Put the battery cover back.
- Place your main box on the desktop or using the bracket to mount it on the wall.

Operating by App

Introducing the Main User Interface

User Settings

The entry for all account settings.

- Bind Devices
- Phone/Email/Password etc..

Real-time Status Diagram

Here shows the real-time status and the networking connecting quality of the system, the two crucial information for users.

When system status is changed, the diagram would indicate it immediately. To be user-friendly, the color and icon using in the diagram would be easy to understand.

Shortcut Toolbar

Two fixed shortcuts: Arm, Disarm.

User customized: Home Arm(default), SOS, Smart Camera, Smart Plugs, etc..

By using shortcuts, it saves a lot of time to operate the system.



Device List

Switch between all main boxes of current user. Add/Remove main boxes.

System & App Settings

The entry for system settings and App settings.

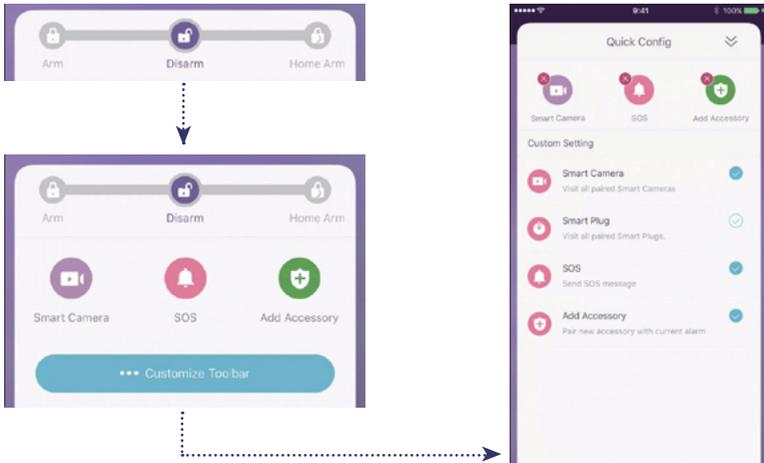
- Manage accessories like pairing and removing.
- Adjust some other system parameters like Exit Delay, Entry Delay, Duress Alarm, etc..
- Firmware update, networking settings and other device advanced settings.

Event List

An event is one operation by users or one status changing by accessories. The events would be sorted by time, the latest event would be on the top.

Arming & Other Operations

- Press the buttons listed on the toolbar.
- You would hear a feedback sound in App when the operation is done.
- It is recommended to add SOS button by customizing the toolbar for convenience.



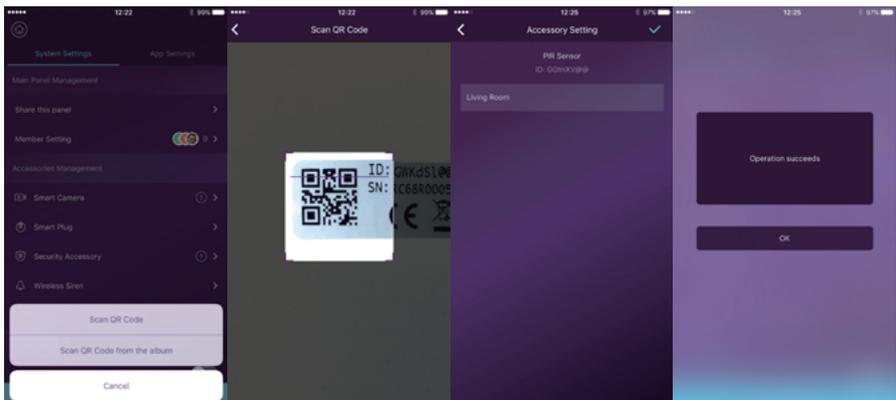
Pairing New Accessories

Scan QR Code **Recommended**

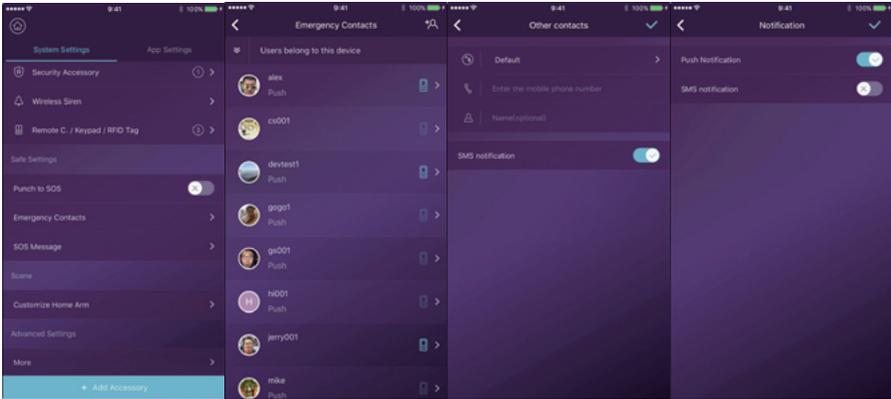
Tap
[Scan QR Code]

➤ Code is printed on every
accessory.

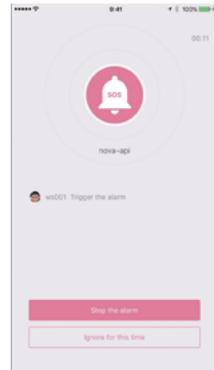
➤ Follow the guideline in
App, done.

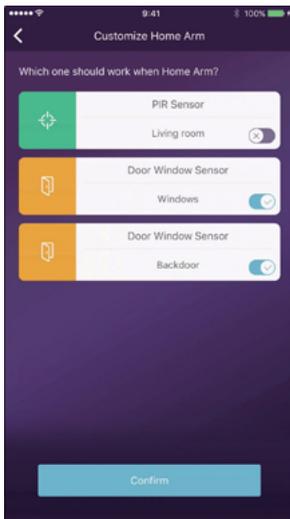


Emergency Contacts Settings



- All App users would be listed in Emergency Contact list automatically.
- Users can add mobile phone numbers in [Other Contacts] list.
- For the App users, the [Push Notification] option would be enabled by default, while the [SMS Notification] would be disabled by default. (SIM card required)
- For other contacts, the [SMS Notification] would be enabled by default.
- When emergency cases happen, the App users would get push notifications, while other users would get alert SMS message sent from the main box.



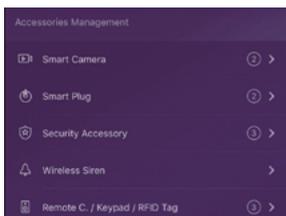


Home Arm Settings

- When users are at home and only want to keep some sensors working, they could turn to Home Arm status in App.
- When users tapping [Home Arm] button at the first time, the system would guide you to setup. Users just need to decide which sensor should work by tapping in App.
- Only those sensors support Home Arm feature would be listed here.

Accessories Management

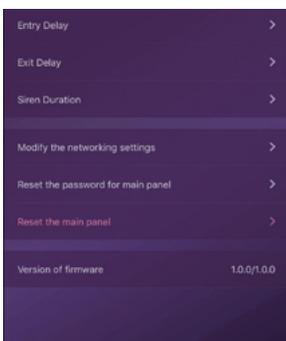
- All accessories would be listed in [Device Setting]-[Accessories Management], and would be sorted by their types.
- Users can add, remove, and modify their settings in this area.
- Users can also control their cameras and plugs in one App.

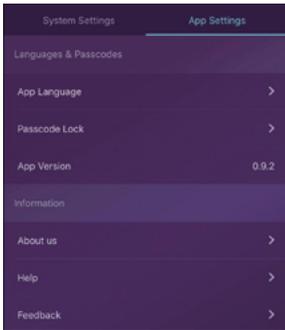


App Settings

In this area, users can do following settings:

- Change App Language: It supports multi-languages which can be easily switched in App immediately.
- Passcode Lock: By enabling this feature, you would be asked to enter the passcode every time when App is activated from the background. In iPhone, the Touch-ID feature would be supported so users can use their fingerprints to use this App.
- Help & Feedbacks: Users can watch some tutorials online and also send feedbacks to our company directly in App.





Advanced Settings

In this area, users can do following settings:

- Entry Delay: Users can decide which sensors' alarm signal should be held for preset time until the alarm goes off.
- Exit Delay: By enabling it, the system would wait for the preset time before really working when the ARM or HOME ARM button is pressed.
- Siren Duration: It defines how long the built-in siren should keep blaring while alarming.
- Network & Password Settings: It allows to reset the networking parameters or the system password.

Share with Others

The owners can easily share their devices with the family members or friends, even they have not installed the App yet.

- [Device Settings]-[Share Device] would generate a unique QR code which is linked to the current main box and the assigned authorities.
- Users can send this QR code to others by Facebook or Whatsapp.

- Scanning the QR code, users could launch the App if it has been installed before, or go to App Store or Google

Play to install the App.

- When the App is launched in the invited users' phone, the sharing main box would be added into their App.



Preguntas frecuentes

Q: When the Internet connection is down, can the system still protect me?

A: 1. We have LAN/WiFi/Cellular for communication. As recommended, LAN is the most reliable tunnel for Internet connection. In case that LAN and WiFi both are off, the cellular network will work as a backup tunnel.

2. In most cases, the disconnection of Internet is caused by electricity failure, which means the system might have to run with the backup battery. In this case, we would suggest that you set the cellular network mode only for emergency cases in order to save power.

3. With backup battery, this system, can work perfectly to protect your home even if Internet connection is not available.

Q: Sim card can not be recognized.

A: Please make sure you are using GSM based sim card, this model only supports GSM sim card. For LTE sim card, please contact your carrier and ask if the sim card can support GSM for phone call and SMS message, since some cards are using volte which has not been supported by this model now.

Q: How to reset the system? Would all my data be erased?

A: To reset the system, please hold the reset button in battery cover for 5 seconds. The system would erase all data and restarts. If the user has already created an account for this main box, after resetting the networking in the initialization process, all settings can be recovered.

Q: When operating in App, it is slow/lag/always waiting for reactions.

A: To better solving your problem, please do the following before asking help from distributor.

- Use LAN cable instead of WiFi for the main box.
- Try restart the router used for the main box or your phone.
- Disable any VPN connection from your phone or router, for directly connecting to the Internet.
- In the main page of the App, tap the [Net Status] to see if the networking of the main box is working right.

Especificaciones

Core Preferences		Environmental	
CPU	ARM Cortex-A7	Working Temp.	-20 °C~60 °C
Electrical		Physical	
Auxiliary power	CC 5 V 2 A	Installation	Desktop, Wall Mounted
Backup batteries	Rechargeable Lithium Polymer battery 2200mAh	Shell Material	ABS/PC
Stand-by time	8 hours (fully charged)	Key Features	
Radio receiver		Total input accessories	Unlimited
Frequency	433,92 MHz	Keypad Supported	Works with wireless keypad
Distance	200 m	Smart Devices	Works with networking camera and smart plug
Networking		Alarma de seguridad	Supported
LAN	1 X RJ45 10/100M ethernet interface	Tamper Alarm	Supported
WiFi Standard	Support 802.11b/g/n	Low Battery Warning	Supported
GSM frequency	GSM 850 / 900 /1800/1900 MHz	Notifications	Push Notification (App) / SMS Messages (Mobile Phone)
Sounds		Quick Pairing	Pre-pairing & QR Code pairing
Build-in siren	100 dB / 30 cm	Updatable Firmware	Supported



EKSELANS BY ITS

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ITS Partner O.B.S. S.L

Av. Corts Catalanes 9-11

08173 Sant Cugat del Vallès

Barcelona (Spain)

Tel: +34 935839543

info@ekselansbyits.com

www.ekselansbyits.com