



EKSELANS BY ITS

**SMART ALARM
SYSTEM WITH
INTEGRATED
CCTV
SEKUR IP**



ENTER THE EK WORLD

SEKUR IP

SEKUR
IP

IP/WIFI ALARM SYSTEM

Ekselans by ITS presents the new SEKUR IP alarm with WiFi / IP connection and GSM back-up. This new family appears as an important evolution of the previous GSM-1 system, adding new and very interesting functionalities.

SEKUR IP consists of a wireless alarm kit that includes a control unit with a modern EK design, a PIR motion detector with pet protection, a door-window contact and two remote controls. The control unit can be connected to the home router via RJ45 or WiFi, and thus be able to access the system management through a mobile APP (Android and iOS). Additionally it's possible to add a mobile phone SIM so that, in case of a specific failure in the internet connection, the alarm can communicate through SMS messages.

SEKUP IP can support an unlimited number of accessories (motion detectors, door-window contacts, water detectors, wireless keyboard, indoor and outdoor sirens...) belonging to this new family as well as the previous one. In addition to the traditional accessories, we do introduce new accessories such as the smart plug with remote management through the mobile and two IP CCTV cameras, PTZ and bullet, which connected to the SEKUR IP alarm allow to have a complete security system.

The two IP camera models are HD 1080P with 2MP and can be accessed remotely through the same alarm application. Additionally, the cameras can also be installed stand-alone and then access them through a second application we have developed for this purpose.



Model name	SEKUR IP
Code	261021
CPU	ARM Cortex-A7
Working voltage	DC 5V
Battery	Polimero Li 2200mAh
Battery working time	< 8h
Volume	100dB / 30cm
LAN	RJ45 10/100Mb
WiFi	Compatible with 802.11b/g/n
GSM	850/950/1800/1900MHz
Transmission distance	200m (no obstacles)
Frequency	433,92MHz
Material	ABS/PC
Number of accessories	Unlimited
Intelligent accessories	IP cameras and smart switches (not included)
Keyboard	Wireless (not included)
Low battery indication	Yes
Notifications	Automatic messages App / mensajes SMS
Accessories quick connection	Pre-connection and QR code connection
Working temperature	-20°C ~ 60°C
Humidity	< 90%
Dimensions	263,0x195,0x61,0mm
Weight	551,2 gr including batteries



SEKUR IP KIT



SEKUR IP PANEL



WIRELES KEYBOARD
AND RFID TAG
(not included in the kit)



BULLET IP CAMERA
(not included in the kit)

Model name	DP-2
Code	261023
Working voltage	DC 1,5V
Battery	1xAAA (1,5V)
Operating current	< 65mA
Quiescent current	< 11µA
Transmission distance	200m (no obstacles)
Frequency	433,92MHz
Working temperature	-10°C ~ 40°C
Humidity	< 90%
Dimensions	Transmitter: 80,0x38,2x13,3mm Magnet: 80,0x14,8x12,9mm
Weight	35,5gr including batteries

DOOR-WINDOW CONTACT

DP-2

- Door-window contact
- Working distance up to 200 meters without obstacles



Model name	PIR-2
Code	261024
Working voltage	DC 9V
Battery	2xAA (1,5V)
Operating current	< 15mA
Quiescent current	< 25µA
Detection range	100°
Detection distance	12mx12m
Pet immunity	< 20Kgr
Transmission distance	200m (no obstacles)
Frequency	433,92MHz
Working temperature	-10°C ~ 50°C
Humidity	< 90%
Dimensions	99,6x54,9x40,2mm
Weight	66,0gr, including batteries

PET-IMMUNE MOTION DETECTOR

PIR-2

- Double motion detector
- Detection angle 100°
- Detection distance 12x12m
- Pet immunity up to 20 Kg



ACCESSORIES

WIRELESS RFID KEYBOARD

KB TG-2

- Wireless communication with SEKUR IP
- With batteries and external power supply
- It allows arm/disarm the alarm system
- TG-2 (RFID TAG) included in this kit, allows to arm/disarm the alarm



RFID TAG

TG-2

- It allows to arm/disarm the alarm passing it over the keyboard



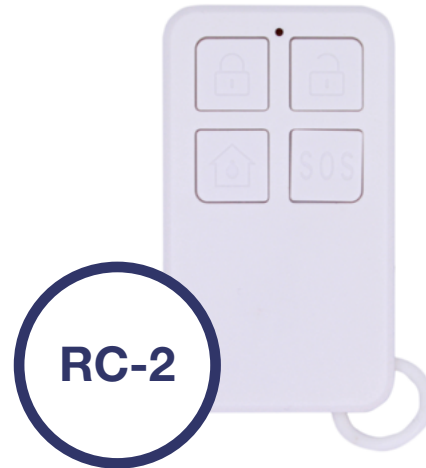
Model name	KB TG-2
Code	261025
Working voltage	DC 5V
Battery	Li-ion 890mAh
back-up time	6 months daily usage (8 times a day, 30 seconds per time)
Transmission distance	200m (no obstacles)
Frequency	433,92MHz
RFID tags supported	99pcs
Working temperature	0°C ~ 60°C
Humidity	< 96%
Dimensions	145,0x92,1mm
Weight	162,3gr, including batteries

Model name	TG-2
Code	261026
Tecnology	125KHz
Dimensions	28,0x28,0mm

MULTIFUNCTIONAL REMOTE CONTROL

RC-2

- Arm/disarm the alarm
- SOS button



Model name	RC-2
Code	261022
Working voltage	DC 6V
Battery	2xCR2016 (3V)
Operating current	< 7.4mA
Quiescent current	0mA
Battery life in stand-by	< 24 months
Transmission distance	200m (no obstacles)
Frequency	433,92MHz
Working temperature	-20°C ~ 50°C
Humidity	< 90%
Dimensions	58,0x33,1x11,0mm
Weight	16gr, including batteries

WIRELESS SMART SWITCH

SSW-2

- Wireless smart switch manageable from SEKUR IP APP
- Remote on/off
- Programmable actions



Model name	SSW-2
Code	261027
Working voltage	DC 220V-250V / 50-60 MHz / MAX 10A
Maximum power	2.500W
Transmission distance	200m (no obstacles)
Frequency	433,92MHz
Working temperature	-20°C ~ 50°C
Humidity	< 90%
Dimensions	102,0x62,5x29,7mm
Weight	88,7 gr

ACCESSORIES

WIRELESS INDOOR SIREN

SI-2

- Maximum volume 85 dB
- Maximum distance up to 200 m (without obstacles)



Model name	SI-2
Code	261028
Working voltage	DC 12V
Operating current	< 270mA
Quiescent current	< 29mA
Maximum volume	85dB / 3m
Transmission distance	200m (no obstacles)
Frequency	433,92MHz
Working temperature	-10°C ~ 40°C
Humidity	< 90%
Dimensions	121,0x72,0x42,0mm
Weight	103,5 gr

GARAGE DOOR CONTACT

SP-2

- Magnetic garage-door contact
- Maximum distance up to 200 m (without obstacles)



Model name	SP-2
Code	261029
Working voltage	DC 3V
Battery	1xCR2032 (3V)
Operating current	< 20mA
Quiescent current	< 2µA
Transmission distance	200m (no obstacles)
Frequency	433,92MHz
Working temperature	-10°C ~ 40°C
Humidity	< 90%
Dimensions	102,0x62,5x29,7mm
Weight	159,5 gr including batteries

Model name	DA-2
Code	261031
Working voltage	DC 3 V
Battery	1 pila de botón CR2032 (3V)
Operating current	< 20mA
Quiescent current	< 2µA
Transmission distance	200m (no obstacles)
Frequency	433,92MHz
Working temperature	-10°C ~ 40°C
Humidity	< 90%
Dimensions	Transmitter: 80,0mm x 38,2mm x 13,3mm Connecting line: 21 cm
Weight	25,8 g (with battery) 37 g (without battery)

WATER DETECTOR

DA-2

- Wireless water detector
- With batteries
- Maximum distance up to 200 m (without obstacles)



WIRELESS OUTDOOR SIREN

SE-2

- Wireless communication with SEKUR IP
- Maximum volume 120 dB



Model name	SE-2
Code	261034
Working voltage	DC 12V
Battery	Ni-MH de 7,2V 600mAh
Operating current	< 300mA
Quiescent current	< 20 ~ 50mA
Battery life on standby	< 20h
Maximum volume	120dB / 3m
Transmission distance	200m (no obstacles)
Frequency	433,92MHz
Working temperature	-10°C ~ 40°C
Humidity	< 90%
Dimensions	263,0x195,0x61,0mm
Weight	551,2 gr including batteries

ACCESSORIES

INDOOR IP/WIFI CAMERA PTZ 2MPX

CAM Z2

- CAM Z2
- IP/WiFi camera 2 Mpx H265
- PTZ P 350°, T 120°, Z digital x4
- Resolution HD 1920x1080
- WDR / 3D DNR
- Motion detection recording
- SD memory storage capacity up to 128GB
- Installation with SEKUR IP or stand-alone



APP FOR STAND-ALONE INSTALLATION



Model name		CAM Z2
Code		263032
Camera	Sensor	1/2.7" 2Mpx CMOS
	Efective pixels	1920x1080
	WDR	Digital
	Noise reduction	3D DNR
	Day/night control	Automatic
	PTZ	P 350°, T 120°, Z digital x4
	SD slot	Supported
	Motion detector	Supported
	Privacy mask	Supported, 4 areas
	Micro SD card	Supported until 128GB
Lens	IR range	9m
	Focal distance	4mm
	Aperture range	F 2.1
	Focus control	Fijo
Video	View angle	90°
	Coding	H265
	Resolution	1080p (1920x1080)
		720p (1280x720)
		LVGA (640x352)
	LQVGA (320x176)	
Video bitrates	32Kbps ~ 8Mbps	
Number of frames	15fps@1080p	
Images capture	Supported	
Audio	Duplex	Supported
Network	Interface	Micro incorporated
	Ethernet	RJ-45 10/100Base-T
	Network protocol	HTTP, FTP, TCP/IP, SMTP, DHCP, NTP, UPNP, RTSP, Onvif, DDNS
	App for smartphones	iOS & Android
	WiFi	WiFi (802.11b/g/n), 2.4G, WEP/WPA-PSK/WPA2-PSK
General	P2P	Soportado
	Power supply	DC 5V/2A
	Reset	Supported
	Consumption	< 5W
	Working temperature	-10°C ~ 60°C
	Humidity	10% ~ 90%
	Dimensions	177x141x117mm
Weight	1Kg	

OUTDOOR IP/WIFI CAMERA 2MPX

CAM B2

- IP/WiFi camera 2 Mpx H265
- Resolution HD 1920x1080
- IR range 30m
- Motion detection recording
- SD memory storage capacity up to 128GB
- Installation with SEKUR IP or stand-alone

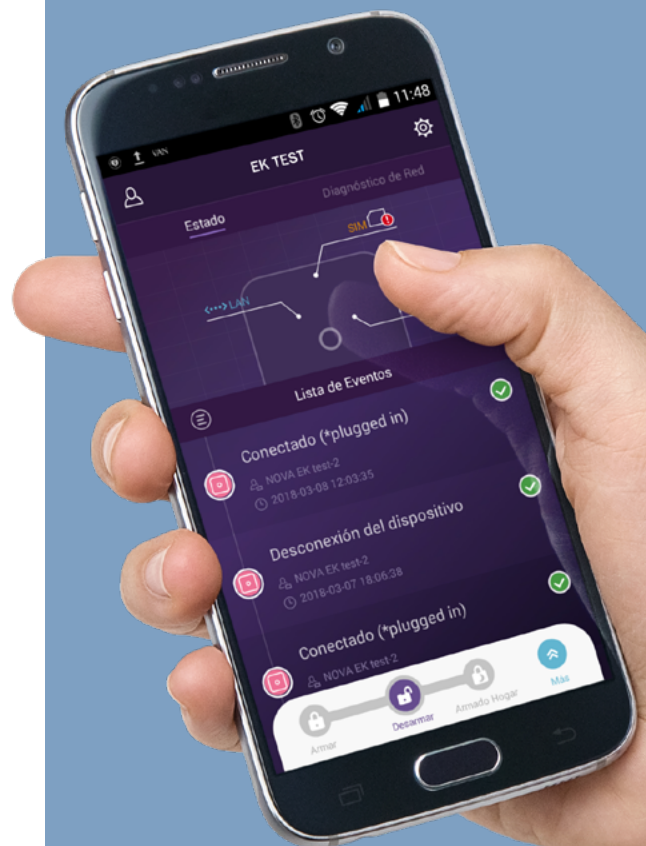
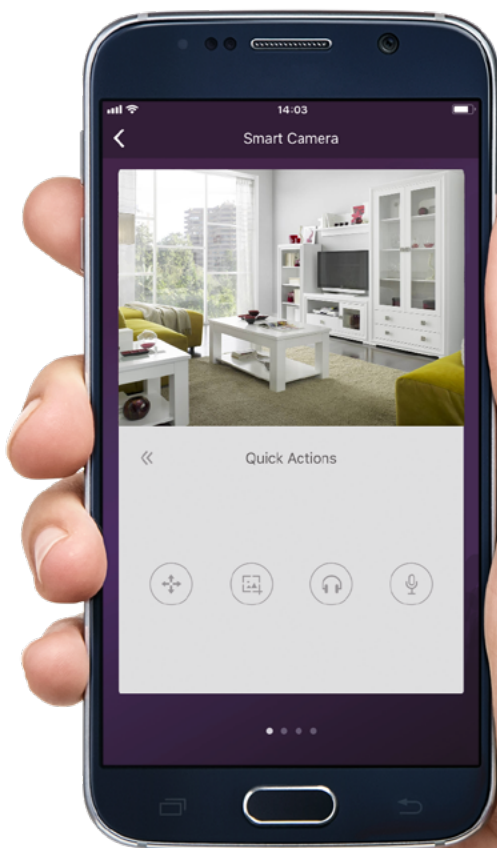
Model name	CAM B2		
Code	263033		
Camera	Sensor	1/2.7" 2Mpx CMOS	
	Efective pixels	1920x1080	
	Day/night control	Automatic	
	Motion detector	Supported	
	Micro SD card	Supported until 128GB	
	IR range	30m	
Lens	Focal distance	4mm	
	Aperture range	F 2.1	
	View angle	90°	
Video	Coding	H265	
	Resolution	1080p (1920x1080) 720p (1280x720) LVGA (640x352) LQVGA (320x176)	
	Video bitrates	32Kbps ~ 8Mbps	
	Number of frames	15fps@1080p	
	Images capture	Supported	
	Ethernet	RJ-45 10/100Base-T	
	Network protocol	HTTP, FTP, TCP/IP, SMTP, DHCP, NTP, UPNP, RTSP, Onvif, DDNS	
Network	App for smartphones	iOS & Android	
	WiFi	WiFi (802.11b/g/n), 2.4G, WEP/WPA-PSK/WPA2-PSK	
	P2P	Supported	
	General	Power supply	DC 12V/1A
		Reset	Supported
Consumption		< 6W	
Working temperature		-10°C ~ 55°C	
Humidity		10% ~ 90%	
Dimensions		IP65	
Weight		Diameter 60mm	
Peso	1Kg		



APP FOR STAND-ALONE INSTALLATION



APLICACION





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