



Stealth 4™

CLOUD OPERATED BURGLAR ALARM

STEALTH4™ VER 01.ENG

Introduction to IP alarm. Cloud based home burglary alarm system

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GENERAL DESCRIPTION

IP Alarm is a new burglar alarm system controlled by your smart phone or tablet via the internet. The IP Alarm Cloud operate and control the system. It provides you with information by burglary, fire or if someone needs help and press a panic button. It also gives you convenient information about who enters your house, which sensor triggers etc. Notifications are send to friends and neighbors by PUSH or email. If your system connects to a Central monitoring Station (CMS), they will know too if an alarm occurs. Power and internet connections are monitored as well. Should one interrupt the power or the internet, the system will notify you within seconds.

The app is your daily control panel, which let you stay in contact with your house from anywhere. All functions are available from anywhere as long as your mobile device in connected to the internet. [GPRS; 3G; Wi-Fi etc.]. The system communication goes through a small - but powerful hub. It's connected to your router and paired with wireless sensors all over your house. The small wireless sensors are located on your doors, windows or other location. They register if a door opens or if someone passes by. Smoke detectors send out alarm if there is smoke.

The cameras are a more advanced type of sensor for the system. They gives you a clear live view of you home, telling you what is going on right now. You can even buy an extended security function that will enable your camera to take pictures if the alarm is armed and there is motion in front of it. The pictures are transferred to the Cloud and stored safely in your private vault.

Do not expect a lot of complicated buttons and displays. All control is done from the app.
Easy and convenient - always in the palm of your hand!

INSTALLATION

The system is a DIY [Do it yourself] system with a minimum of setup. Download and install the 'IP Alarm' app from Google Play or Apple App Store. Make sure the hub is connected to the internet. Check that your mobile device connects to the internet too. Enter the alarm ID and password in the app and follow the wizard. Please, study the help sections for further details and learn more about the individual components in this introduction.

HUB, STEALTH4™

DESCRIPTION

The Hub is the connection point for the sensors.
Each home have one alarm hub

The hub keeps watch in your home - even when you are not there.

It is the alarm's gateway to the internet. It communicate with the sensors in the home; gathers data and starts the sirens in the event of fire and break-in.

ONLINE

The Stealth4™ hub continuously sends data to IP Alarm's protected servers. Here is the data monitored, processed and sent to your smartphone or tablet by break-in, fire or if the system is armed or disarmed.

Unlike similar systems, IP Alarm is in constant contact with your home and your mobile devices. While you are away, IP Alarm keeps an eye on the activity in your home.



INSTALLATION

The installation process is very simple. Overall, you have to connect two cables. Electricity and internet.

POSITION

It is recommended to place the Alarm hub somewhere central in the house so the wireless signals are optimized for all the units involved.

BATTERY BACKUP

The IP Alarm hub is fitted with a battery, which functions as a backup if the electricity is cut off. If the power is cut off and the backup battery takes over, you will be notified.

THE SIREN

The Hub has a built-in speaker, which is activated in the event of a break-in - also if the internet is unavailable. If you have connected smoke detectors or other units to IP Alarm, it might also be activated in the event of fire and gas leaks.

SETTINGS

The hub has no settings for you to worry about. You do all system settings via your own smartphone app.

Information:

The IP Alarms Hub can handle more than 250 units at once.

RANGE

The wireless range of the IP Alarm's hub is ca 100 m in open country. That number is not very applicable in practice, however. Depending on the number of walls, materials, energy-saving windowpanes and the like, the range will vary.

You can improve the signal by either moving the sensor or possibly moving the hub. If this does not work, you can extend the range by adding an IP Alarm's signal extender, which can repeat the signal.

SPECIFICATIONS

- Power Supply: 5VDC 1000mA regulated
- Radio Frequency: 868MHz FSK2
- Range: Max 300m (250m² indoor)
- Build in back up battery Duration Ca 3 hours
- Humidity: 10-95%Rh
- Temperature: -10°C - + 40°C
- Build in speaker
- Remote update By internet
- This unit is for indoor use only.

DOOR/WINDOW SENSOR

DESCRIPTION

IP Alarm's door/window sensor is an intelligent switch, which you attach to the doors and windows or other places in your home where you want control or an alarm in the event of a break-in. It consists of an intelligent electronic part and a magnet. If the alarm is armed and the two parts are moved away from each other, you will be notified.



EASY FITTING

Avoid drilling holes in your doors and windows. Both parts of the sensor comes with small pieces of special tape, which let you mount the sensor within seconds. One part is mounted inside on the door and the opposite part is attached to the doorframe.

BATTERY LIFETIME

The intelligent part of the sensor comes with a small battery, which you can change easily. Just press the little tab on the side of the plastic casing and open it. After the battery is changed, the parts clicks together easily and you are ready for another 2-3 years of running time. No setup or installation is necessary. If the battery is low or the wireless signal too weak, you will be notified as well.

RANGE

The range of door/window sensor is 300 m in open country. Considering your walls and other constructions, you may convert this distance into a house of approximately 250 m². To extend the signal range, please see more under SIGNAL REPEATER.

SPECIFICATIONS

- Power source: 1 pc battery 3V type: CR2032
- Life span, battery: 2-3 years by
- Surrounding temperature: 0°C - + 40°C
- Weight: ca 20 g
- This unit is for indoor use only.

MOTION DETECTOR [PIR]

DESCRIPTION

IP Alarm's motion detector is what many people call a PIR sensor (Passive Infrared) or PID sensor (Passive Infrared Detector).

In daily use, the motion detector is one of the most important components for an efficient surveillance of your home. The best position to place the motion detector is in areas where you expect a thief to pass.

A little diode lights up when the sensor communicates with the system. All communication is wireless.

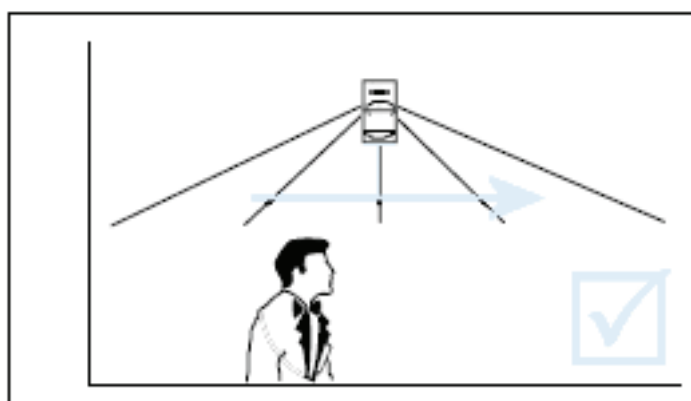


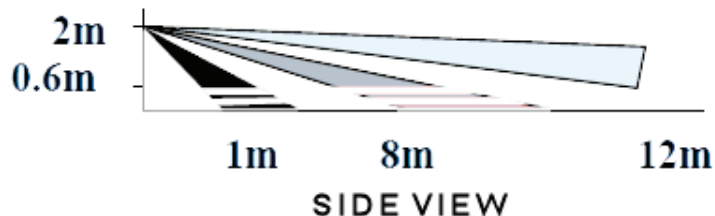
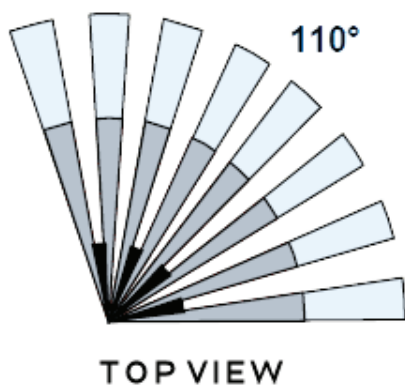
ENERGY SAVING FUNCTION

The sensor is designed to work for up to 3 years on the same batteries. One of the tricks the sensor uses to save power is to detect less when you are home. This means, the sensor will typically take a rest for 5 minutes after a detection. Should a thief pass the motion sensor, it will of course react immediately. Therefore, if you 'play' with the sensor, you should know that there are a delay of up to 5 minutes between each reaction.

THE BEST POSITION

1. Persons who move across the motion sensor are seen best, so place the unit so that the thief passes by the sensor. See the illustration below.
2. Place the sensor ca 2-3 m from the floor.





THE POSITIONS TO AVOID

1. Placement near heat sources. Heat sources generate a lot of dust. In addition, the infrared sensor reacts to heat. This can cause errors and false alarms.
2. Avoid placing furniture and the like which the burglar can hide behind.
3. Avoid letting the sensor point directly at any windows.



RANGE

The range of IP Alarm's motion sensor is ca 100 m in open country, but that number is not practically applicable. Depending on the walls, materials, etc., the range will vary.

To improve the signal, you can try either moving the sensor or perhaps moving the hub. If neither of these options has any effect, you can extend the range by installing an IP Alarm signal extender.

BATTERY CHANGING AND MAINTENANCE

We recommend disconnecting the hood and vacuuming the sensor on the inside once a year. Be careful not to damage the print card when you do. The life span of the batteries is up to 3 years. IP Alarm will let you know when they need changing.

PETS

IP Alarm's motion detector is immune to smaller pets. The immunity covers pets smaller than ca 18 kg and lower than 60 cm.

SPECIFICATIONS

- Angle of coverage: 110°
- Immunity: Up to 18 kg, 60 cm tall
- Detecting distance: Max. 12 m at 25°C
- Power source: 2 pc AAA alkaline batteries
- Height of installation: 2-3 meters
- Surrounding temperature: -20°C - + 50°C
- Maximum humidity: 95%RF
- This unit is for indoor use only.

REMOTE CONTROL

DESCRIPTION

IP Alarm remote is the simple solution for children or elderly who need an easy and uncomplicated way to turn the security system on and off.

The remote control is fitted with a little diode, which lights up when it transmits a signal.



BUTTONS

IP Alarm's remote has 4 buttons, which can be used separately.

Button 1:

- Disarm the burglary alarm.
- Stop a running burglary alarm.
- Disarm the home security mode.

Button 2:

Arm the system

Button 3:

Connecting the home security mode. Secures doors and windows in the system whilst your motion sensors stays inactive. You can stay in the house with secured doors and windows without the alarm sounding.

Button 4:

Use this button, to activate the panic alarm. The system will send an alarm, for example by an assault. The sirens will activate, and a message sends to those who you have included in your security service.

RANGE

The range of your remote control is ca. 100m in open country, however, this number is not practically applicable. Depending on the number of walls, materials, etc., the range will vary

To improve the signal, you can try either moving the sensor or perhaps moving the hub.

If neither of these options has any effect, you can extend the range by installing an IP Alarm's signal extender.

INDOOR CAMERA

DESCRIPTION

The indoor camera let you see what is going on in your home when you are away.

From the app you can open the video stream at any time to see the actual situation in your home. The camera connects to the alarm system through the Cloud.



PRIVACY PROTECTION

Your Privacy is protected. The camera is controlled by the alarm system. With the Privacy Protection enabled, the camera turns away when you arrive at home and the alarm disarms. This ensure that no pictures are taken when you are at home.

When arming the alarm, the camera will turn back into positon.

The two positions the camera uses when arming or disarming are adjustable. Please refer to the camera manual for further information.

CLOUD STORAGE OF PICTURES (PAID SERVICE)

From the App you have the opportunity enable automatic storage of pictures taken by burglary. People in front of the camera will trigger it to take pictures. They are immediately transferred to the Cloud and saved in your private vault. Even if the thief steals the camera, the pictures in the vault remain save.

INSTALLATION, WIFI OR ETHERNET

The installation process is simple. The camera connects to the internet by cable or WiFi. Overall, you should connect two cables. Electricity and internet. For further setup, please follow the manual and the instructions in the app.

In order to operate the camera over your WiFi network, you need to setup your private WiFi code in the camera. See the camera manual for further information.

POWER

The Camera comes with it's own power supply.

RANGE

The wireless range of the camera depends on your local WiFi Network.

Depending on the number of walls, materials, energy-saving windowpanes and the like, the range will vary.

You can improve the signal by either moving the camera or your WiFi router.

SPECIFICATIONS

- Power Supply: 5VDC 2000mA regulated
- Connection : Ethernet/WiFi
- Encryption WPA(2) and others
- Battery backup time: Ca 3 hours
- Humidity: 10-80%Rh
- Temperature: -0°C - + 35°C
- Build in speaker
- This unit is for indoor use only.

OUTDOOR CAMERA

DESCRIPTION

The outdoor camera lets you see what is going on around your home when you are away.

From the app you can open the video stream at any time to see the actual situation. The camera is connected to the alarm system through the Cloud.

PRIVACY PROTECTION

Your Privacy is protected. The camera is controlled by the alarm system. No pictures are taken when the alarm system is disarmed.

When arming the alarm, the camera will activate and take pictures if there is movement in front of it.



CLOUD STORAGE OF PICTURES (PAID SERVICE)

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SMOKE & SIREN BY CAVIUS™

DESCRIPTION

Why not use the smoke detector as a burglary siren?
The Smoke Sensor from Cavius™ is uses 2-way wireless radio to communicate with the alarm system.

With a diameter of only 65 mm this siren is a real master piece and is the winner of the REDDOT award 2016.

The communication between the alarm system and the smoke detector ensure you are informed if the battery is low or smoke is detected. By a burglar alarm the siren will sound.



The sensor reacts to smoke, and as soon as it detects smoke in the vicinity, IP Alarm's discover it, which immediately ensures that you are alerted. You will be alerted by your smartphone or by email. You decide who else needs to be alerted. You can easily adjust this in your notification center in the IP Alarm app. It minimizes the response time for help to those who cannot leave the house on their own. If you have allied with a neighbor, they might be there in a few minutes.

PETS

Don't forget your pets in the event of a fire. Normal smoke detectors protect you very well if they are heard, but if you are not home, it is a different story. The fifth member of the family in his doggy basket has a right to be helped as well - don't you agree?

DISABLING AN ALARM

The smoke siren continues as long as it detects smoke. You can mute it for 10 minutes if you have smoke in the kitchen. Other sirens stop by disarming the IP Alarm's system. This is easiest to do via IP Alarm remote or a smartphone with the IP alarm app.

MAINTAINANCE

Monthly:

Check the function of your smoke detector.

Press the test button in the app.

- All smoke detectors will start to flash red. Press the button on each to run the test and.
- The smoke siren will go off for a second when you press the button.

Yearly:

Clean the unit with a vacuum cleaner.

BATTERY

With IP Alarm's Smoke, you will not forget to change the batteries so they run out while you are on holiday, because IP Alarm's keeps an eye on the battery for you and lets you know even if you are not at home.

The life span of the battery is up to 5 years. IP Alarm will let you know when they need changing. The diode of the IP Alarm's smoke will also flash.

SPECIFICATIONS

- Power source: Battery
- Life span of the battery: 5 years
- Surrounding temperature: 0 - + 40°C
- Surrounding humidity: 10% - 85%
- Sound level, Siren: 85dB - 3 m
- Size: Ø65x40 mm
- Approvals EN 14604:2005; EN60065; EN300-220; NF292; ROHS; REACH
- This unit is for indoor use only.

SIGNAL REPEATER

DESCRIPTION

The signal repeater helps you to reach sensors to far away to communicate by normal radio. No setup is required. Just place the signal repeater half way between the sensor and the hub.

LED LAMP

The signal repeater is equipped with a LED indicator.
By green, the repeater is running.
By red, data is transmitting



DISABLING AN ALARM

The smoke siren continues as long as it detects smoke. If you want to disable the siren, you have to disconnect the unit and take it away from the smoke. Other sirens are stopped by disarming the IP Alarm's system. This is easiest to do via IP Alarm remote or a smartphone with the IP alarm app.

SPECIFICATIONS

Radio:	868 mhz FSK2
Power	5V 1000 VDC
Surrounding temperature:	0 - + 50°C
Surrounding humidity:	10% - 85%
This unit is for indoor use only.	

WIRELESS TOUCH KEYPAD WITH PROXIMITY BRICS

DESCRIPTION

The wireless key pad is used to arm or disarm the alarm system.
To change the mode of the alarm system you may use a 4 digit PIN code or up to 5 proximity tags.

MAINTAINANCE

Monthly: Wipe the surface with a wet cloth.

INSTALLATION

Place the keypad inside by the main entrance.



NOTE

To ensure correct arm and disarm functionality by using the keypad, please set the entry/exit delay in the app.

SPECIFICATIONS

Power source:	3 x AAA Battery
Life span of the battery:	2 years
Surrounding temperature:	0 - + 50°C
Surrounding humidity:	10% - 85%
This unit is for indoor use only.	

MOTION DETECTOR [PIR]- ROUND

DESCRIPTION

More information on the way.

To be released later

MAINTAINANCE

Wipe the surface with a wet cloth

INSTALLATION

Easy setup by the in the app. Setup video included

Clip bracket for easy installation with double adhesive tape or a screw.



NOTE

See more general details on page 6

SPECIFICATIONS

Size:	Ø45 mm
Power supply:	CR123A x 1
Battery life:	4-6 years
Detection range:	7 meters
Viewing angle:	110 degree
Operation temperature:	0-40°C
This unit is for indoor use only.	

END