

AJAX

A new generation of wireless security systems



NET ALARMS

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All Ajax products have a 4 year
manufacturer’s warranty (excluding batteries)

The most awarded wireless security system in Europe



Intruder Alarm of the Year



securika
Moscow

The Best Innovative Product



StarterKits

A quick start to protecting your home

A StarterKit is the core of the Ajax wireless security system. Adding additional devices turns it into a universal security system that can protect against intrusion, fire and flooding. An Ajax StarterKit is of professional quality that blends beautiful design with a simple-to-use interface that will keep any user at ease.

Net Alarms has compiled three StarterKits, just to make life even easier.

You can add to a StarterKit with additional devices to meet your specific site requirements.

Kit A 1 Hub • 1 Remote/SpaceControl • 1 MotionProtect
1 DoorProtect • 1 InternalSiren • 1 Vodafone SIM Card*.

Kit B 1 Hub • 1 Remote/SpaceControl • 2 MotionProtect
1 FireProtect • 1 InternalSiren • 1 Vodafone SIM Card*.

Kit C 1 Hub • 2 Remote/SpaceControl • 3 MotionProtect
1 InternalSiren • 1 ExternalSiren • 1 Vodafone SIM Card*.

** The supplied prepaid Vodafone SIM Card will transmit to any brand of phone or network. It can be registered online with Vodafone. The annual cost will be approximately \$20.*



InternalSiren
Wireless indoor siren



ExternalSiren
Wireless outdoor siren
with strobe light



MotionProtect
Wireless motion
detector



Remote/SpaceControl
With a panic button



Hub
Intelligent control panel



DoorProtect
Wireless magnetic
opening detector



FireProtect
Wireless smoke and
heat detector

Anti-sabotage

Threat management

Ajax is designed to prevent both software and hardware attacks. The detectors are protected from physical tampering and the radio channel is secure from jamming and sabotage. The system immediately detects any unwanted intrusions.



Blackouts

The system reports power failures and continues working from the backup battery



GSM Jamming

The system will work in full protection mode through Ethernet



Hacking Attempts

All data is heavily encrypted to ensure safety



Internet Issues

A backup GSM signal sends notifications in the event of a network failure



Jammed Radio Channel

The system notifies users and monitoring stations of jamming and switches to a clean frequency



Open Detectors

All devices are tamper proof; an instant alarm is sent when the cover is removed



Detector Failure

Frequent "pinging" ensures an alert is sent as soon as a device stops responding



Server Unavailable

An alert is sent instantly

Jeweller

No wires. No worries.

Jeweller is our proprietary radio technology that offers an advanced level of protection. It is just as reliable as traditional wires and performs better in transferring information. All data is encrypted with a floating key algorithm and the signal is protected to prevent interception or forgery. If jamming occurs the system notifies the owner and switches to a backup frequency.

2000 metres

Maximum distance
between detectors and
the Hub, line of sight

150 milliseconds

Alarm delivery time

7 years

Maximum detector
battery life

12 seconds

Minimum polling period

25 milliwatts

Radio signal power

868.7 to 869.2 MHz

Device and detector
operating frequencies

An impressive operation range

Jeweller connects detectors to the Hub at a distance of up to 2 km. Devices automatically adjust their signal power, depending on the distance from the Hub. This helps the detectors conserve power. The devices can operate for up to 7 years without replacing batteries.



 **Jeweller**  2000metres

 **ZigBee**  150M

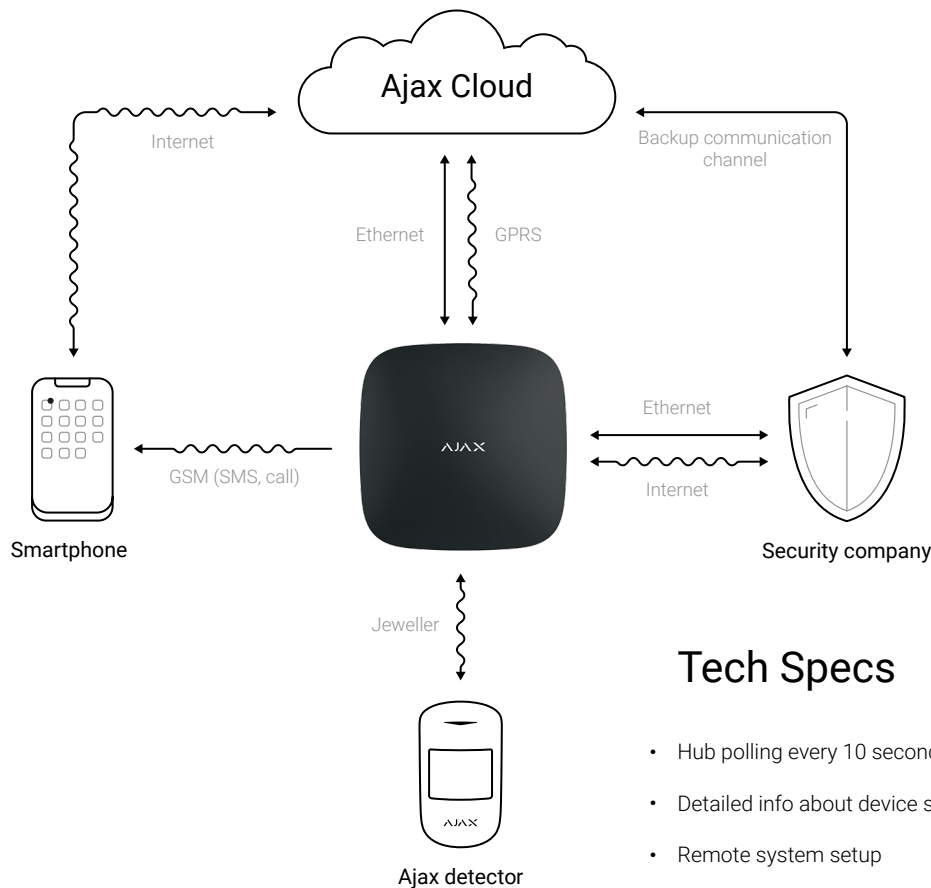
 **Z-Wave**  150M

 **Wi-Fi**  100M

Ajax Cloud

Fast. Powerful. Easy.

We created a digital ecosystem that increases the capabilities of Ajax devices. Thanks to Ajax Cloud, all processes are regulated and accurate. It takes just milliseconds to send an alarm from the Hub to the server and then to the user. The system can be configured remotely with a few clicks. And every remote firmware update increases the functionality of the system.



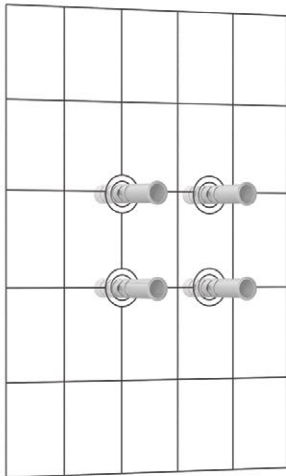
Tech Specs

- Hub polling every 10 seconds
- Detailed info about device status
- Remote system setup
- Automatic software updates
- Direct connection with CMS (Central Monitoring Station).

SmartBracket

Quick installation

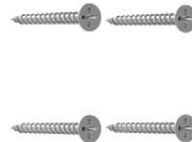
We have made professional-level installation as simple as possible. Detectors come with batteries and are pre-set to work as soon as you take them out of the box. The **free** Ajax Security System mobile app will help you choose the best place for device installation. After that, you simply screw the SmartBracket to the wall and install the detector on it.



Wall



SmartBracket
mount (included)



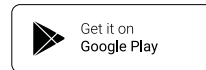
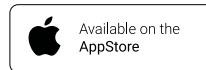
Screws
(included)



Detector

- On average, the Ajax StarterKit can be installed in under 30 minutes
- Installation requires minimal tools and effort
- Detectors do not require disassembly before installation
- Interactive instructions are available on the mobile app
- Detectors can be tested using a smartphone

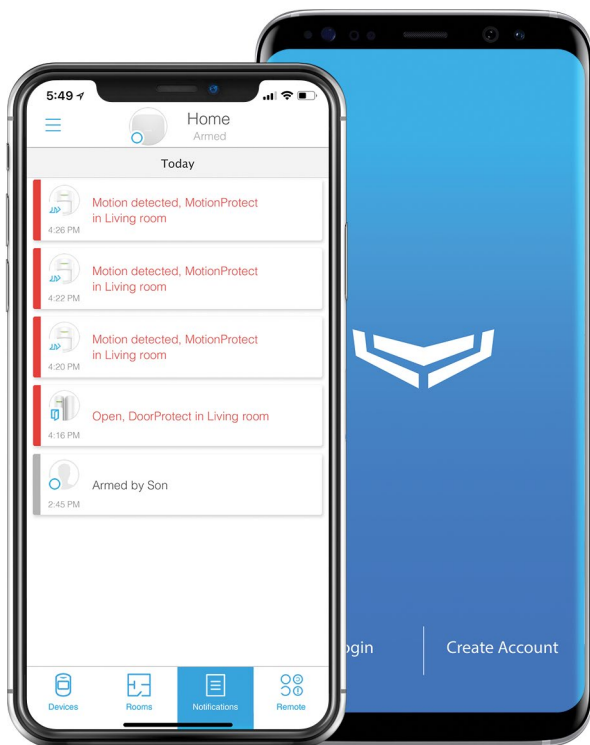
Apps for the Users



Home is just a few clicks away

The Ajax Security System app is a virtual control centre, available day and night. You can check the system status, arm/disarm it or change the system configuration. All with just a few taps on your smartphone or tablet.

There is no charge or ongoing cost for the app or updates.



Arming/disarming



Instant notifications



Third party video surveillance



Remote testing and configuration

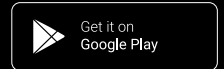
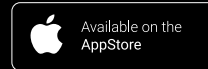


Detailed info about device status



Regular updates

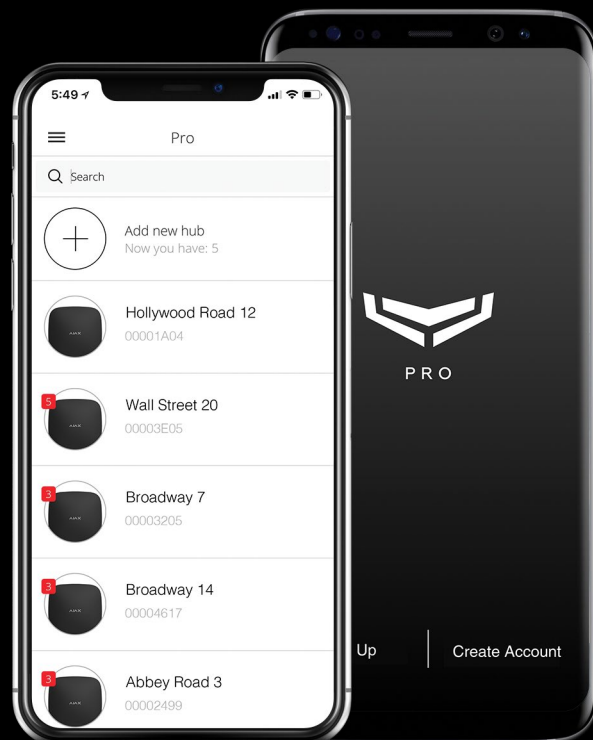
App for Engineers





Round the clock facility control


The mobile app 'Ajax PRO: Tool for Engineers' helps easily manage a variety of facilities with your smartphone. Test and configure devices before going to a site, get instant notifications about alarms and malfunctions, and manage the list of people who have access to the hubs.


Ajax PRO remote access is only available by invitation from the system owner.



 Quick search by name or Hub ID

 Remote Hub configuration

 Detector testing

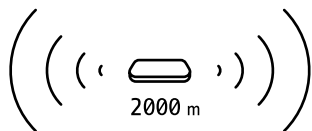
 Manage access levels



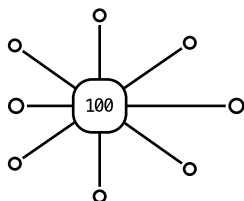
Hub

Intelligent control panel

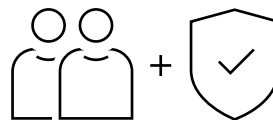
Ajax Hub enhances the performance of each device in the system. It monitors and controls network devices and collects data using *Jeweller*, our advanced wireless connection technology. The Hub analyzes threats, filters false alarms and alerts you of any real danger. Additional protection against sabotage makes Ajax Hub unavailable, along with any premises it protects.



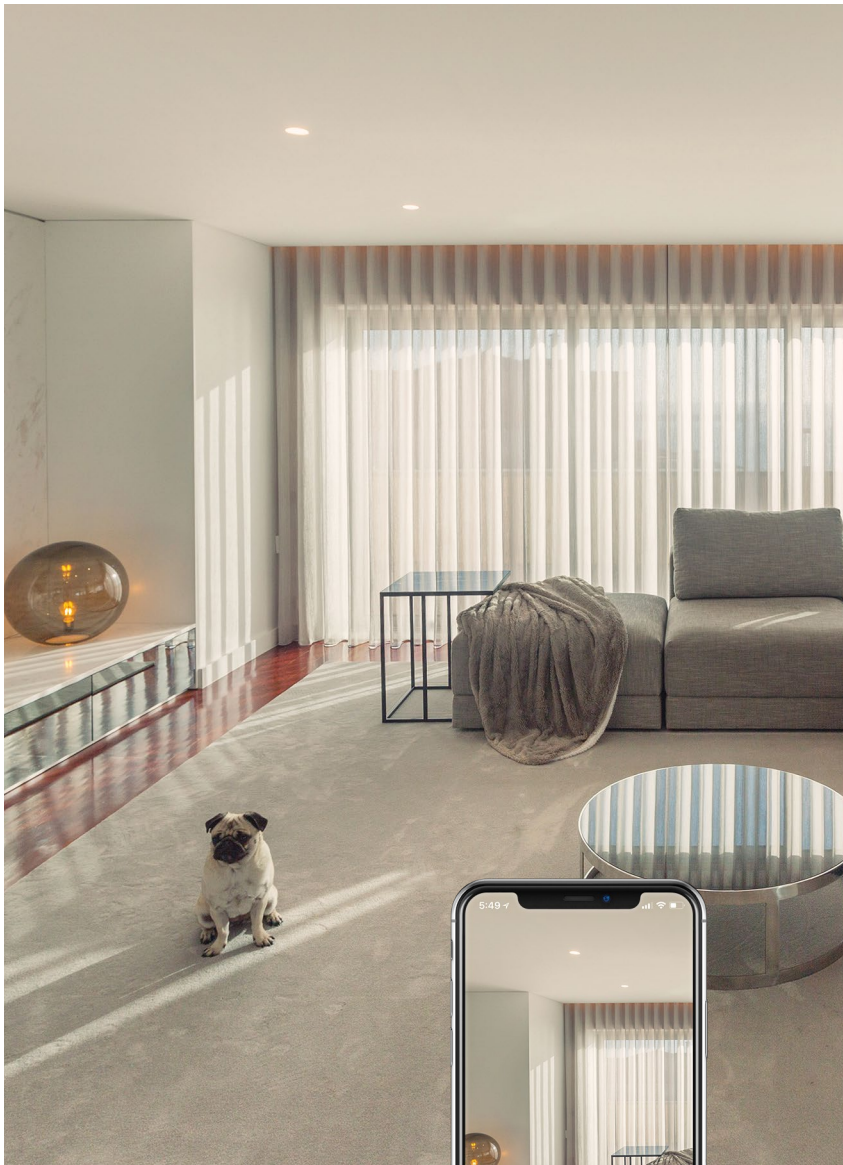
Jeweller wireless technology allows to monitor securely all network devices up to 2,000 metres away in open space



Can work with up to 100 devices simultaneously



Up to 50 users and a security firm can connect to the system for monitoring via Contact ID



Video surveillance via
third-party cameras

“Bulletproof” Protection



Tampering alarm



External power failure immediately
activates an alarm



Works up to 15 hours
on battery backup



“Pings” every 12 to 300 seconds
to monitor the system



Jamming detection, communication
channels encryption and authentication



A backup GSM signal will notify
in case of a network failure



Real time OS (Operating System)
guarantees protection from
viruses and intrusion

Simple Installation



Devices connect to Ajax Hub
with a single click



The system can be installed easily in
under 30 minutes using the interactive
manual and SmartBracket mounts

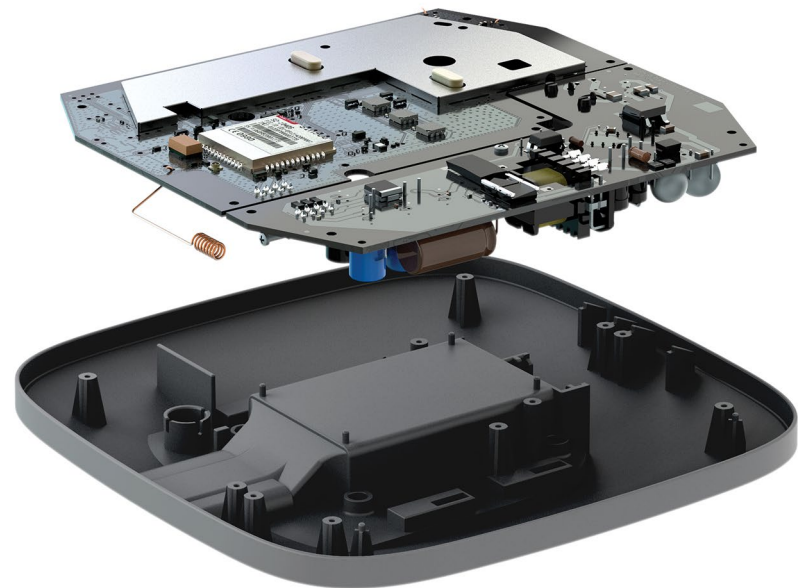


The quality of the connection, device
detection area and level of radio
noise can be tested remotely

Hub

Effortless Operation

- The Ajax system works even with very poor connections: the system works at a speed of just 0.5 kbit/s
- Two-way communication allows for periodic testing and easy customisation
- Firmware and software updates are free and automatic
- The system can be easily controlled using a Remote or the smartphone app
- Ajax Hub securely maintains a history of all events
- Geofence technology can remind you to arm the security system when you leave and disarm it when you get back



Engineering Masterpiece

- An ARM processor provides additional power for critically important tasks
- The ultrathin AC power adapter is built into the body



Ajax Hub is less than 40mm thick



Dimensions:
163mm × 163mm × 36mm

Tech Specs

- Colour: white or black
- Power: 230 V AC
- Radio signal power: 25 mW
- Operating temperature range: from 0°C to +50°C
- Connection: GSM 850/900/1800/1900 MHz, Ethernet
- Back-up battery: Li-Ion 2 Ah (battery life up to 15 hours) (GSM connection only)
- Apps available: iOS 9 or later, Android 4.1 or later, at no charge.
- Maximum number of users: 50
- Maximum number of Ajax connected devices: 100
- Maximum number of partitions: 9
- Weight: 350 g
- No need to disassemble the body when installing with Ajax SmartBracket mounts



Additional Specs for Hub Plus

- ⊕ Dual SIM cards
- ⊕ 2G/3G GSM 850/900/1800/1900/2100 MHz
- ⊕ Ethernet
- ⊕ Wi-Fi 2.4 GHz (802.11 b/g/n)
- ⊕ Operating temperature range: from 0°C to +50°C
- ⊕ Maximum number of users: 99
- ⊕ Maximum number of connected devices: 150
- ⊕ Maximum number of partitions: 25





MotionProtect

Wireless pet immune motion detector

MotionProtect detects the first step of a human on the premises but ignores pets, drafts and noise from air conditioners etc.




Maximum Performance

- Works up to 1,700 metres from Ajax Hub in open space or across several floors of a business centre
- Detects motion up to 12 metres away
- Processes signals digitally




Effortless Operation

- Adjustable to three different sensitivity levels
- Uses our SmartMotion algorithm to avoid false alarms from animals weighing less than 20kg
- Eliminates false alarms from gear and electromagnetic interference using a FresnelTech optical component, made from POLY IR4 material and an Excelitas PIR sensor
- Works under most conditions due to digital temperature compensation
- Two-way communication with Ajax Hub allows for periodic testing and customisation

Simple Installation

-  Connects to Ajax Hub with a single click
-  The quality of the connection and detection area can be tested remotely
-  No need to disassemble the body when installing with Ajax SmartBracket mounts

"Bulletproof" Protection

-  Authentication to prevent forgery
-  Jamming detection and communication channels encryption
-  Tampering alarm

Tech Specs

- Colour: white or black
- Detector type: wireless
- Use: indoor
- Detecting element: PIR
- Detection angle:
88.5° horizontal / 80° vertical
- Installation height suggested:
2.4 metres
- Pet ignoring feature:
weight up to 20 kg,
height up to 500 mm
- Radio signal power: 20 mW
- Power supply: CR123A battery
- Power supply voltage: 3 V
- Operating temperature range:
from 0°C to 50°C
- Operating humidity: up to 80%
- Dimensions:
110x65x50 mm
- Weight: 86 g



Battery life is up to 7 years



Additional Specs for MotionProtect Plus

- ⊕ Additional microwave sensor
- ⊕ Filters interference with radio frequency scanning
- ⊕ Avoids false alarms even in rooms or warehouses with active air conditioners or fireplaces
- ⊕ Battery life is up to 5 years



DoorProtect

Wireless magnetic opening detector

Ajax DoorProtect helps to protect doors and windows across several floors of a house, office or building.




Maximum Performance

- Works up to 1,200 metres from Ajax Hub in open space or across several floors of a business centre
- Allows connection to a third-party hard wired opening detector




Effortless Operation

- Uses British-made reed switches that can be toggled more than 1,000,000 times without failure
- Two-way communication with Ajax Hub allows for periodic testing and customisation
- Saves energy by regulating power consumption based on the distance from Ajax Hub

Simple Installation

-  Connects to Ajax Hub with a single click
-  The quality of the connection and detection area can be tested remotely
-  No need to disassemble the body when installing with Ajax SmartBracket mounts

“Bulletproof” Protection

-  Authentication to prevent forgery
-  Jamming detection and communication channels encryption
-  Tampering alarm

Tech Specs

- Colour: white or black
- Detector type: wireless
- Use: indoor
- Distance to magnet:
up to 10mm (small magnet),
up to 20mm (big magnet)
- Radio signal power: 20 mW
- Power supply: CR123A battery
- Power supply voltage: 3 V
- Operating temperature range:
from 0°C to +50°C
- Operating humidity: up to 80%
- Dimensions: 20x90 mm
- Weight: 29 g



Battery life is up to 7 years



Additional Specs for DoorProtect Plus / WindowProtect

- ⊕ Built-in accelerometer reacts to vibration and impact
- ⊕ Detects inclination angle relative to the ground
- ⊕ Allows connection to a third-party hard wired reed switch
- ⊕ Ideal for monitoring window movement
- ⊕ Battery life is up to 7 years



GlassProtect

Wireless glass break detector

The miniature wireless detector monitors windows even at a considerable distance from the Ajax Hub. Two-factor detection of broken glass considerably decreases the chance of false alarms.

Maximum Performance

- Works up to 1,000 metres from Ajax Hub in open space or across several floors of a business centre
- Detects breaking glass up to 9 metres away
- Allows connection to a third-party hard wired opening detector

Effortless Operation

- Uses two-factor detection of breaking glass at low and high frequencies to prevent false alarms
- Adjustable to three different sensitivity levels
- Two-way communication with Ajax Hub allows for periodic testing and customisation
- Saves energy by regulating power consumption based on the distance from Ajax Hub

Simple Installation



Connects to Ajax Hub with a single click



The quality of the connection and detection area can be tested remotely



No need to disassemble the body when installing with Ajax SmartBracket mounts

“Bulletproof” Protection



Authentication to prevent forgery



Jamming detection and communication channels encryption



Tampering alarm

Tech Specs

- Colour: white or black
- Detector type: wireless
- Use: indoor
- Detecting element: electret microphone
- Glassbreak detection distance: up to 9 metres
- Detection angle: 180°
- Glassbreak sensitivity: 3 levels adjustable (low, medium, high)
- Radio signal power: 20 mW
- Power supply: CR123A battery
- Power supply voltage: 3 V
- Operating temperature range: from 0°C to +50°C
- Operating humidity: up to 90%
- Dimensions: 20x90 mm
- Weight: 30 g



Battery life is up to 7 years





CombiProtect

Wireless motion and glass break detector with pet immunity

Ajax CombiProtect detects the first step of a human on the premises but ignores the motion of pets, drafts and air conditioners. Monitors windows up to 9 metres from the detector.




Maximum Performance

- Works up to 1,200 metres from Ajax Hub in open space or across several floors of a business centre
- Detects motion up to 12 metres away
- Detects breaking glass up to 9 metres away
- Processes signals digitally




Effortless Operation

- Adjustable to three different sensitivity levels
- Uses Ajax SmartMotion algorithm to avoid false alarms from animals weighing less than 20kg
- Eliminates false alarms from gear and electromagnetic interference using a FresnelTech optical component, made from POLY IR4 material and an Excelitas PIR sensor
- Works under most conditions due to digital temperature compensation
- Uses two-factor detection of broken glass at low and high frequencies to prevent false alarms
- Two-way communication with Ajax Hub allows for periodic testing and customisation

Simple Installation

-  Connects to Ajax Hub with a single click
-  The quality of the connection and detection area can be tested remotely
-  No need to disassemble the body when installing with Ajax SmartBracket mounts

“Bulletproof” Protection

-  Authentication to prevent forgery
-  Jamming detection and communication channels encryption
-  Tampering alarm

Tech Specs

- Colour: white or black
 - Detector type: wireless
 - Use: indoor
 - Detecting elements:
PIR sensor (movement),
electret microphone (glass break)
 - Movement and glassbreak sensitivity:
3 levels adjustable (low, medium, high)
 - Movement detection angle:
88.5° horizontal / 80° vertical
 - Pet ignoring feature:
weight up to 20 kg,
height up to 500 mm
 - Glassbreak detection distance:
up to 9 metres
 - Radio signal power: 20 mW
 - Power supply: CR123A battery
 - Power supply voltage: 3 V
 - Operating temperature range:
from 0°C to +50°C
 - Operating humidity: up to 80%
- Dimensions:
- 110x65x50 mm
 - Weight: 92 g



Battery life is up to 5 years



TouchPad

Two-way wireless touchpad

Ajax TouchPad helps to manage the Ajax security system. Arm the system with a passcode or with the touch of a button. Use a duress code to send a silent alarm to a central monitoring station.

The TouchPad is optional as Ajax can be controlled from a smartphone or the Remote/SpaceControl.



Maximum Performance

- Works up to 1,700 metres from Ajax Hub in open space or across several floors of a business centre
- Allows for partial arming of the system
- Indication of protection status
- Protection against password guessing

Effortless Operation

- Arm/disarm with a passcode
- One button arming
- Through two-way communication with the Hub, the touchpad confirms the delivery of any command

Simple Installation



Connects to Ajax Hub with a single click



The quality of the connection can be tested remotely



No need to disassemble the body when installing with Ajax SmartBracket mounts

“Bulletproof” Protection



Authentication to prevent forgery



Jamming detection and communication channels encryption



Tampering alarm

Tech Specs

- Colour: white or black
- Device type: wireless
- Use: indoor
- Duress code: available
- Radio signal power: 20 mW
- Power supply: 4 AAA batteries
- Power supply voltage: 3 V
- Operating temperature range: from 0°C to +50°C
- Operating humidity: up to 80%
- Dimensions: 150x102.5x13.2 mm
- Weight: 172 g
- Battery life is up to 2 years



Remote/SpaceControl

Two-way wireless Remote with a panic button

Protected with rolling code encryption and authentication, Ajax Remote works at a distance of up to 1,300 metres from Ajax Hub in open space.

Maximum Performance

- Works up to 1,300 metres from Ajax Hub in open space or across several floors of a business centre
- Equipped with panic button
- Allows for partial arming of the system

Easy to use



Through two-way communication with the hub, the remote confirms delivery of any command



Battery life is up to 3 years

“Bulletproof” Protection



Protected with rolling code encryption and authentication

Tech Specs

- Colour: white or black
- Number of buttons: 4
- Panic button included
- Radio signal power: 20 mW
- Power supply: CR2032 battery
- Power supply voltage: 3 V
- Operating temperature range: from -20°C to +50°C
- Operating humidity: up to 90%
- Dimensions: 65x37x10 mm
- Weight: 13 g



Internal Siren

Wireless indoor siren

An audio alarm system with a customisable sound level between 81 and 105 dB and external LED connector. Maintains a connection to Ajax Hub at a distance of up to 2,000 metres in open space.

Maximum Performance

- Works up to 2,000 metres from Ajax Hub in open space or across several floors of a business centre
- Alarm length and sound level are customisable (81-105 dB)
- External LED connector port
- Powered by the built-in batteries

Effortless Operation

- Indicates current state (arm/disarm/armed)
- Battery indicator shows battery level
- Two-way communication with Ajax Hub allows for periodic testing and customisation

Simple Installation



Connects to Ajax Hub with a single click



The quality of the connection can be tested remotely



No need to disassemble the body when installing with Ajax SmartBracket mounts

“Bulletproof” Protection



Authentication to prevent forgery



Jamming detection and communication channels encryption



Tampering alarm

Tech Specs

- Colour: white or black
- Device type: wireless
- Use: indoor
- Radio signal power: 25 mW
- Power supply: 2 CR123A batteries
- Power supply voltage: 3 V
- Ingress protection: IP50
- Working temperature range: from 0°C to +50°C
- Operating humidity: up to 75%
- Dimensions: 75x75x27 mm
- Weight: 97 g
- Battery life is up to 5 years



External Siren

Wireless outdoor siren with strobe light

An audio and visual alarm system with a customisable sound level between 85 and 113 dB. Maintains a connection to Ajax Hub at a distance of up to 1,500 metres in open space.

Maximum Performance

- Works up to 1,500 metres from Ajax Hub in open space or across several floors of a business centre
- Alarm length and sound level are customisable (85-113 dB)
- Powered by a 12V DC power supply or built-in batteries

Effortless Operation

- Indicates current state (arm/disarm/armed)
- Battery indicator shows battery level
- Two-way communication with Ajax Hub allows for periodic testing and customisation

Simple Installation



Connects to Ajax Hub with a single click



The quality of the connection can be tested remotely



No need to disassemble the body when installing with Ajax SmartBracket mounts

Tech Specs

- Colour: white or black
- Device type: wireless
- Use: indoor or outdoor
- Dismount protection: accelerometer
- Power supply: 4 CR123A batteries or external 12 V DC
- Radio signal power: 25 mW
- Ingress protection: IP54
- Working temperature range: from -20°C to +60°C
- Operating humidity: up to 95%
- Dimensions: 200x200x51 mm
- Weight: 528 g
- Battery life is up to 5 years

“Bulletproof” Protection



Authentication to prevent forgery



Jamming detection and communication channels encryption



Tampering alarm



FireProtect

Wireless smoke and heat detector

If you are not protected against a burglary, you risk your valuables.
If you are not protected against fire, you risk everything.

That is why we created the Ajax FireProtect smoke and heat rise detector. It is easy to install and control, protected against sabotage and extremely long lasting.

Can work autonomously without Ajax Hub.

Maximum Performance

- Works up to 1,300 metres from Ajax Hub in open space or across several floors of a business centre
- Smoke detection
- Rapid temperature increase even without smoke immediately activates an alarm
- Interconnected alarms
- Double-check before sending alarm

Effortless Operation

- Has a built-in siren for smoke and heat
- Can check the smoke chamber with a click on mobile app
- Notifies users when it's time to clean smoke chamber
- Two-way communication with Ajax Hub allows for periodic testing and customisation

Simple Installation



Connects to Ajax Hub with a single click



The quality of the connection and detection area can be tested remotely



No need to disassemble the body when installing with Ajax SmartBracket mounts

"Bulletproof" Protection



Authentication to prevent forgery



Jamming detection and communication channels encryption



Tampering alarm

Tech specs

- Colour: white or black
- Detector type: wireless
- Use: indoor
- Detecting element: photoelectric sensor
- Temperature sensor: from +54°C to 65°C
- Alarm type: light and sound
- Built-in siren volume: 85 dB
- Radio signal power: 20 mW
- Power supply: 2 CR2 batteries
- Power supply voltage: 3 V
- Additional battery: CR2032
- Operating temperature range: from 0°C to +65°C
- Operating humidity: up to 80%
- Dimensions: 132x132x31 mm
- Weight: 220 g



Battery life is up to 4 years



Additional Specs for FireProtect Plus

- ⊕ Smoke, temperature and carbon monoxide detection
- ⊕ Interconnected alarms
- ⊕ Double-check before sending alarm
- ⊕ Battery life is up to 4 years



LeakProtect

Wireless flood detector

Ajax LeakProtect detects and notifies you of an inflow of water within seconds, but automatically cancels the alarm if the area dries.

The detector can be placed on the floor under a washing machine, dishwasher, hot water cylinder or bath tub, etc.

Maximum Performance

- Works up to 1,300 metres from Ajax Hub in open space or across several floors of a business centre
- Early detection of flooding

Effortless Operation

- Alarms are automatically cancelled if the water dries
- Two-way communication with Ajax Hub allows for periodic testing and customisation
- Saves energy by regulating power consumption based on the distance from Ajax Hub
- Detects flooding as soon as water covers one of the four pairs of contacts

Simple Installation



Connects to Ajax Hub with a single click



The quality of the connection can be tested remotely



No need to disassemble the body when installing with Ajax SmartBracket mounts

“Bulletproof” Protection



Authentication to prevent forgery



Jamming detection and communication channels encryption



Tampering alarm



Waterproof with nickel-plated contacts

Tech Specs

- Colour: white or black
- Device type: wireless
- Use: indoor
- Power supply: 2 AAA Batteries
- Power supply voltage: 3 V
- Radio signal power: 20 mW
- Ingress protection: IP65
- Working temperature range: from 0°C to +50°C
- Operating humidity: up to 100%
- Dimensions: 56x56x14 mm
- Weight: 40 g
- Battery life is up to 3 years



MotionProtect Outdoor

Wireless outdoor motion detector with anti-masking function

Wireless outdoor motion detector with adjustable detection distance. The device operates at low temperatures and is protected against dust and moisture ingress.



Tampering alarm with anti-masking function



Detects movement at a distance up to 3 to 15 metres



Ignores pets with a height of up to 800mm



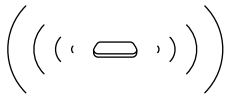
Battery life is up to 5 years



Relay

Relay connects wirelessly to the Ajax Hub to facilitate remote control of garage doors, electric gates and electric locks.

The built-in relay contacts are not galvanically connected to the device itself, so they can be connected to input control circuits for different equipment imitating a push button, switch etc.



Jeweller radio technology:

Communication range with central unit - up to 1,000m in an open space.

Two-way communication between devices

Operating frequencies - 868.0-868.6 MHz

Self- adjusting RF output power - up to 25 mW

Block encryption based on AES algorithm

Device scanning period - 12 to 300 sec



Protected from power surges and overheating



Security Grade 2



The device switches off automatically during overcurrent, voltage surge and overheating



Information on voltage level is available in the mobile app

Tech Specs

- Classification: radio channel relay unit
- Device type: wireless
- Installation method: at the electric motor controller
- Compatibility: operates only with Ajax Hub and Hub Plus
- Actuating element: electromagnetic relay
- Relay service life: 200,000 switching actions
- Voltage protection: max: 36.5 V, min: 6.5 V
- Alarm signal delivery time: 0.15 sec
- Power supply: 7 to 36 V (DC only)
- Operating temperature range: 0°C to +64°C
- Anti-sabotage: protection against fraud jamming devices
- Dimensions 38x25x18 mm
- Weight 32 g

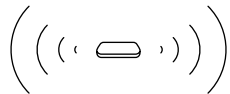


PowerSwitch

PowerSwitch relay connects wirelessly to the Ajax Hub to facilitate remote switching of lights, heating, cooling and other appliances.

Tech Specs

- Classification: radio channel relay unit
- Device type: wireless
- Installation method: into wall plate
- Compatibility: operates only with Ajax Hub and Hub Plus
- Actuating element: relay
- Relay service life: 200,000 switching actions
- Voltage protection: for 230 V mains
- Maximum load current: 13 Amps
- Maximum current protection: 13 Amps
- Permissible power: resistive load at 230v up to 3kW
- Energy consumption parameter check: current, voltage, power consumption
- Alarm signal delivery time: 0.15 sec
- Power supply: 230Vac - 50Hz
- Operating temperature range: 0°C to +64°C
- Permissible humidity: up to 75%
- Anti-sabotage: protection against fraud jamming devices
- Dimensions 38x25x18 mm
- Weight 30 g



Jeweller radio technology:

Communication range with central unit - up to 1,000m in an open space.

Two-way communication between devices

Operating frequencies: 868.0 to 868.6 MHz

Self- adjusting RF output power - up to 25 mW

Block encryption based on AES algorithm

Detector scanning period - 12 to 300 sec



Authentication to prevent forgery



Jamming detection and communication channels encryption



Protected from power surges and overheating



Security Grade 2



With one click in the mobile app, the device switches domestic appliances on and off



The device switches off automatically during overcurrent, voltage surge and overheating



Information on energy consumption is available in the mobile app



Transmitter

Wireless module for third party detector integration

Ajax Transmitter allows you to connect a third party hardwired detector to the Hub.

It helps protect property indoors and outdoors.

Maximum Performance

- Works up to 1,600 metres from Ajax Hub in open space or across several floors of a business centre
- Operates indoors and outdoors
- Can work with wired and autonomous detectors with a wired output

Simple Installation



Connects to Ajax Hub with a single click



The quality of the connection can be tested remotely

Effortless Installation

- Two-way communication with Ajax Hub allows for periodic testing and customisation
- Battery indicator shows battery level in the mobile app

“Bulletproof” Protection



Authentication to prevent forgery



Jamming detection and communication channels encryption



Disassembly immediately activates an alarm



Tampering alarm

Tech specs

- Device type: wireless
- Maximum number of connected devices: 1
- Tamper protection: accelerometer
- Performance monitoring: yes
- History of alarms and service events: yes
- Alarm input: 1
- Tamper input: 1
- Power supply type: +/- connectors
- Power supply output: 3V
- Radio signal power: 25 mW
- Operating temperature range: from -25°C to +50°C
- Operating humidity: up to 75%
- Dimensions: 100x39x22 mm
- Weight: 74 g



All Ajax products have a 4 year manufacturer's warranty (excluding batteries)

AJAX
WIRELESS ALARMS



When security is art



Learn more at

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