

AJAX

When security is art



The new generation
of wireless security
systems

Ajax StarterKit Fast Start

The Ajax StarterKit has everything you need to protect your premises. Sensitive detectors monitor the motion inside, while a powerful hub connects them to the outside world. A wide range of security products are available to integrate into the Ajax ecosystem, enhancing the protection of the Ajax StarterKit.



Ajax SpaceControl



Ajax Hub



Ajax DoorProtect



Ajax MotionProtect

Ajax Hub

The brain of the Ajax security system

A smart hub enhances the performance of each device in the Ajax network. The hub controls other devices and collects data with the help of advanced wireless connection technology, Jeweller. It analyzes threats, filters false alarms, and informs you in case of the real threat. Sabotage proof technologies make Ajax Hub and the premises protected by Ajax unassailable.



Enhanced performance

- Jeweller wireless technology allows for placing the network at the distance of up to 2,000 meters of open space or on the several floors of a business center
- ARM processor provides more power needed for critically important tasks
- The system works through Ethernet with GSM as back-up link
- Ajax Hub can service up to 100 devices
- Up to 10 users and a security firm (with the help of Contact ID) can connect to the system to monitor it



Smooth operation

- The system works even when the connection is very poor: 0.5 kbit/s GPRS is enough
- Two-way communication with the devices allows for periodical testing and easy customization
- Update of firmware and software are free and automatic
- Control through a keychain remote, free apps for smartphone (iOS/Android) or a browser
- Ajax Hub stores the history of all events noticed by the system
- Geofence technology reminds you to arm the security system when you leave and disarm it after you come back



Protection from failures and sabotage

- All sockets and buttons are inside the body
- The body is tamper proof
- Alarm goes off when external power is cut off
- Working time on back-up power is up to 10 hours
- Response from detectors is checked every 12-300 seconds (adjustable)
- Equipped with systems that detect and prevent jamming, encrypt channels, and ensure authentication to protect from device fraud
- Real time OS protects the system from viruses and intrusion
- GSM module provides backup connection in case the Internet goes down



Simple professional-level installation

- The system can be installed in under 15 minutes thanks to the interactive manual and SmartBracket mounts
- Availability of detectors, response area and the level of radio noise can be tested from a remote location
- Quality of connection with devices, their detection area, can be tested from a remote location
- New devices are connected in one click with the help of QR-codes



Engineering masterpiece

- Ultrathin AC power adapter 50-230V built into the body
- Ajax Hub is still less than 4cm thick

AJAX

Tech specs

- Colours: White/Black
- Size: 162.7x162.7x35.9 mm
- Weight: 320 g
- Power: 110-250 V AC
- Radio signal power: 25 mW
- Operating temperature range: From 0°C (+32°F) to +50°C (+122°F)
- Connection: GSM (850/900/1800/1900 MHz), Ethernet
- Communication protocol: Jeweller (868/915 MHz, depending on the country of distribution)
- Operating range: Up to 2000 m (6552 ft) (in open area)
- Back-up battery: Li-Ion 2 Ah (battery life up to 10 hours*)
- Apps available: iOS 7.1 or later, Android 4.1 or later
- Maximum number of users: 10
- Maximum number of connected devices: 100
- Tamper protection: Available

*only GSM connection

Ajax Hub Plus

Smart Hub with Wi-Fi connection

The smart center of Ajax security system controls all the devices in the network and collects data with the help of advanced wireless connection technology, Jeweller. It analyzes threats, filters false alarms, and informs you in case of the real threat. Ajax Hub Plus has Wi-Fi as an additional communication channel and can operate autonomously for 10 hours in case of a power blackout.



Enhanced performance

- Jeweller wireless technology allows for placing the network at the distance of up to 2,000 meters of open space or on the several floors of a business center
- ARM processor provides more power needed for critically important tasks
- Ajax Hub Plus supports more communication channels: in addition to Ethernet and GSM, it also has Wi-Fi
- Ajax Hub Plus can service up to 100 devices
- Up to 10 users and a security firm (with the help of Contact ID) can connect to the system to monitor it



Smooth operation

- The system works even when the connection is very poor: 0.5 kbit/s GPRS is enough
- Two-way communication with the devices allows for periodical testing and easy customization
- Update of firmware and software are free and automatic
- Control through a keychain remote, free apps for smartphone (iOS/Android) or a browser
- Ajax Hub stores the history of all events noticed by the system
- Geofence technology reminds you to arm the security system when you leave and disarm it after you come back



Protection from failures and sabotage

- All sockets and buttons are inside the body
- The body is tamper proof
- Alarm goes off when external power is cut off
- Working time on back-up power is up to 10 hours
- Response from detectors is checked every 12-300 seconds (adjustable)
- Equipped with systems that detect and prevent jamming, encrypt channels, and ensure authentication to protect from device fraud
- Real time OS protects the system from viruses and intrusion
- GSM module provides backup connection in case the Internet goes down



Simple professional-level installation

- The system can be installed in under 15 minutes thanks to the interactive manual and SmartBracket mounts
- Availability of detectors, response area and the level of radio noise can be tested from a remote location
- Quality of connection with devices, their detection area, can be tested from a remote location
- New devices are connected in one click with the help of QR-codes



Engineering masterpiece

- Ultrathin AC power adapter 50-230V built into the body
- Ajax Hub Plus is still less than 4cm thick

AJAX

Tech specs

- Colours: White/Black
- Size: 162.7x162.7x35.9 mm
- Weight: 330 g
- Power: 110-250 V AC
- Radio signal power: 25 mW
- Operating temperature range: From 0°C (+32°F) to +50°C (+122°F)
- Connection: GSM (850/900/1800/1900 MHz), Ethernet, Wi-Fi (2.4 GHz)
- Communication protocol: Jeweller (868/915 MHz depending on the country of distribution)
- Operating range: Up to 2000 m (6552 ft) (in open area)
- Back-up battery: Li-Ion 2 Ah (battery life up to 10 hours*)
- Apps available: iOS 7.1 or later, Android 4.1 or later
- Maximum number of users: 10
- Maximum number of connected devices: 100
- Tamper protection: Available

*only GSM connection



Ajax MotionProtect

Motion detector that detects the first step of an intruder

Ajax MotionProtect detects the first step of a human intruder on the premises, but ignores the motion of pets, drafts and noise from air conditioner.



Enhanced performance

- Works at the distance of up to 2,000 meters from Ajax Hub in open space or on the several floors of a business center
- Detects motion at 12 meters
- Detects the first human step
- 100% of the signal is processed digitally



Smooth operation

- The detector has 3 sensitivity levels
- SmartDetect detection algorithm does not react on animals weighing under 20 kilos
- FresnelTech optical component made from POLY IR4 material and hi-end Excellitas piro sensor eliminate alarms from glares and electromagnetic interference
- Digital temperature compensation ensures independence from climate conditions
- Two-way communication with the Hub for testing and customization
- Battery life — up to 7 years



Protection from failures and sabotage

- The body is tamper proof
- Response from detectors is checked every 12-300 seconds (adjustable)
- Identification and prevention of jamming
- Encrypted communication



Simple professional-level installation

- No need to disassemble the body when installing on SmartBracket mount
- Connection quality and detection area can be tested from a remote location
- Connects to Ajax Hub in one click with the help of a QR-code
- Can work with an outside security system through Ajax integration modules (uartBridge and ocBridge/ocBridge Plus)

Tech specs

- Colours: White/Black
- Detector type: Wireless
- Use: Indoor
- Movement detection distance: Up to 12 m (39.4 ft)
- Sensitivity: 3 levels adjustable (low, medium, high)
- Detection angle: 88.5° horizontal / 80° vertical
- Installation height suggested: 2.4 m (7.9 ft)
- Pet ignoring option: Weight up to 20 kg (44 lb), height up to 50 cm (19.7 in)
- Tamper protection: Available
- Radio signal power: 20 mW
- Communication protocol: Jeweller (868 or 915 MHz depending on the country of distribution)
- Maximum distance between detector and central unit: up to 2000 m (6552 ft) (in open area)
- Power supply: CR123A battery
- Power supply voltage: 3 V
- Battery life: Up to 7 years
- Operating temperature range: From 0°C (+32°F) to +50°C (+122°F)
- Operating humidity: Up to 80%
- Dimensions: 110x65x50 mm (4.33x2.55x1.96 in)



Ajax MotionProtect Plus

Motion detector with radio frequency scanning against complex interference

Ajax MotionProtect Plus detects the first step of a human intruder on the premises, but ignores the motion of pets, drafts and air conditioners. Radio frequency scanning filters complex interference created by thermal radiation combined with curtain movement, trembling of blinds, and strong glares.



Enhanced performance

- Works at the distance of up to 2,000 meters from Ajax Hub in open space or on the several floors of a business center
- Can work at the same time with air conditioners, while airing the room, at warehouses and rooms with a fireplace
- Detects motion at 12 meters
- Detects the first human step
- 100% of the signal is processed digitally



Smooth operation

- The detector has 3 sensitivity levels
- SmartDetect detection algorithm does not react on animals weighing under 20 kilos
- FresnelTech optical component made from POLY IR4 material and hi-end Excelitas piro sensor eliminate alarms from glares and electromagnetic interference
- Radio frequency scanning filters complex interference
- Digital temperature compensation ensures independence from climate conditions
- Two-way communication with the Hub for testing and customization
- Battery life — up to 5 years



Protection from failures and sabotage

- Authentication of the detector to protect from fraud
- The body is tamper proof
- Response from detectors is checked every 12-300 seconds (adjustable)
- Identification and prevention of jamming
- Encrypted communication

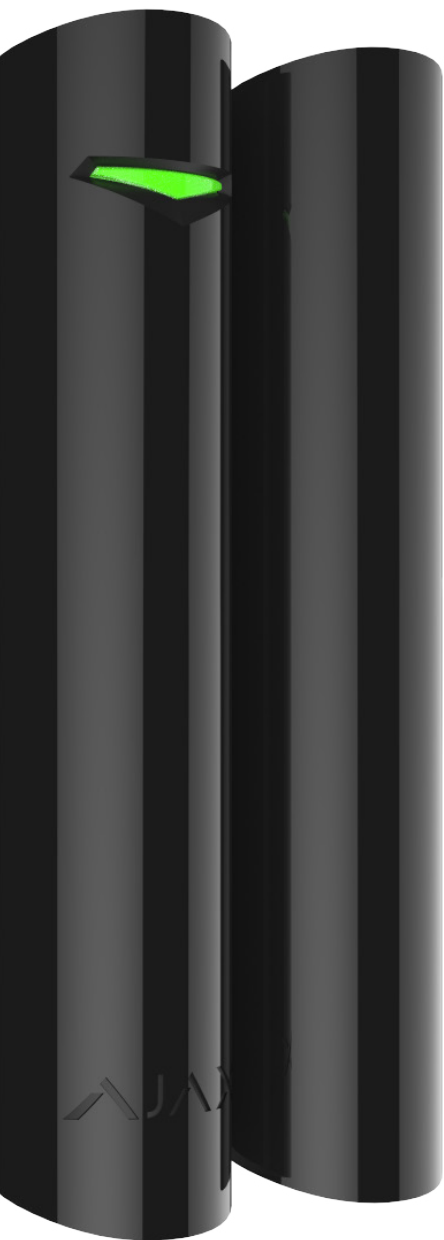


Simple professional-level installation

- No need to disassemble the body when installing on SmartBracket mount
- Connection quality and detection area can be tested from a remote location
- Connects to Ajax Hub in one click with the help of a QR-code
- Can work with an outside security system through Ajax integration modules (uartBridge and ocBridge/ocBridge Plus)

Tech specs

- Colours: White/Black
- Detector type: Wireless
- Detecting element: Piro sensor and microwave sensor (24GHz)
- Use: Indoor
- Movement detection distance: Up to 12 m (39.4 ft)
- Sensitivity: 3 levels adjustable (low, medium, high)
- Detection angle: 88.5° horizontal / 80° vertical
- Installation height suggested: 2.4 m (7.9 ft)
- Pet ignoring option: Weight up to 20 kg (44 lb), height up to 50 cm (19.7 in)
- Additional protection: Microwave sensor to filter composite false alarms sources
- Tamper protection: Available
- Radio signal power: 20 mW
- Communication protocol: Jeweller (868 or 915 MHz depending on the country of distribution)
- Maximum distance between detector and central unit: 2000 m (6552 ft) (in open area)
- Power supply: CR123A battery
- Power supply voltage: 3 V
- Battery life: Up to 5 years
- Operating temperature range: From 0°C (+32°F) to +50°C (+122°F)
- Operating humidity: Up to 80%
- Dimensions: 110x65x50 mm (4.33x2.55x1.96 in)



Ajax DoorProtect

Universal door and window opening detector

Thanks to miniature hi-end sensors and wireless communication, Ajax DoorProtect detectors can protect doors and windows on the several floors of the building.



Enhanced performance

- Can work at the considerable distance from Ajax Hub or a bridge: 2,000 meters of open space or several floors of a building
- Allows for connecting of an outside detector
- Can integrate with outside security systems through uartBridge or ocBridge/ocBridge Plus modules



Smooth operation

- Reliable hi-end UK-made reed switch can be toggled more than 1,000,000 times with no fails
- Detector maintains two-way communication with the Hub for testing and customization
- Is energy-efficient, as can adjust power depending on the distance to the Hub
- Battery life is up to 7 years with pings every minute



Engineering masterpiece

- Miniature size and powerful magnet enable Ajax DoorProtect detector to protect all types of doors and windows



Protection from failures and sabotage

- Authentication to protect from fraud
- The body is tamper proof
- Response from detectors is checked every 12-300 seconds (adjustable)
- Encrypted communication, identification and prevention of jamming
- Encrypted communication

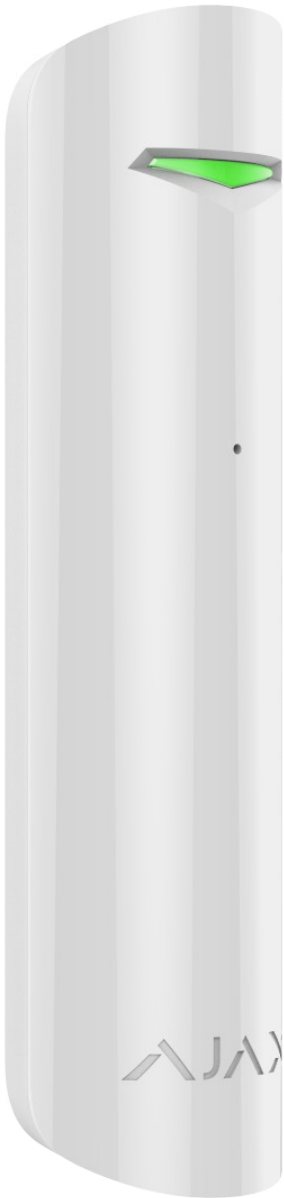


Simple professional-level installation

- No need to disassemble the body when installing on SmartBracket mount
- The magnet is so powerful that it can be installed with a shift up to 2 cm from main unit
- Connection quality and detection area can be tested from a remote location
- Connects to Ajax Hub in one click with the help of QR-code

Tech specs

- Colours: White/Black
- Detector type: Wireless
- Mounting: Surface-mounted
- Distance to magnet: Up to 1 cm (0.4 in) (small magnet), up to 2 cm (0.8 in) (big magnet)
- Use: Indoor
- Additional input to plug in the wire detectors: Available
- Tamper protection: Available
- Radio signal power: 20 mW
- Communication protocol: Jeweller (868 or 915 MHz depending on the country of distribution)
- Maximum distance between detector and central unit: up to 2000 m (6552 ft) (in open area)
- Power supply: CR123A battery
- Power supply voltage: 3 V
- Battery life: Up to 7 years
- Operating temperature range: From 0°C (+32°F) to +50°C (+122°F)
- Operating humidity: Up to 80%
- Dimensions: 20x90 mm (0.78x3.54 in)



Ajax GlassProtect

The smallest glass break detector in the world

Miniature wireless detector protects windows in the room even at the considerable distance from the Hub. Two-factor detection of glass break considerably decreases the change of false alarms.



Enhanced performance

- Works at the considerable distance from Ajax Hub or a bridge: 2,000 meters of open space or several floors of a business center
- Detects glass break at up to 9 meters
- It is possible to connect an outside opening detector
- Integrates into outside security systems
- uartBridge and ocBridge/ocBridge Plus modules



Smooth operation

- Two-way communication with the Hub or a bridge for testing and customization
- Saves energy by adjusting the transmission power depending on the distance to Ajax Hub
- Battery life — up to 7 years with pings every minute
- Two-factor glass break detection by high and low frequencies
- The detector has 3 sensitivity levels



Protection from failures and sabotage

- Authentication of the detector to protect from fraud
- The body is tamper proof
- Response from detectors is checked every 12-300 seconds (adjustable)
- Identification and prevention of jamming
- Encrypted communication



Simple professional-level installation

- No need to disassemble the body when installing on SmartBracket mount
- Connection quality and detection area can be tested from a remote location
- Connects to Ajax Hub in one click with the help of a QR-code



Engineering masterpiece

- According to our sources, this is the smallest glass break detector in the world

Tech specs

- Colours: White/Black
- Detector type: Wireless
- Use: Indoor
- Detecting element: Electret microphone
- Glassbreak detection distance: Up to 9 m (29.5 ft)
- Glassbreak sensitivity: 3 levels adjustable (low, medium, high)
- Detection angle: 180°
- Tamper protection: Available
- Radio signal power: 20 mW
- Communication protocol: Jeweller (868 or 915 MHz depending on the country of distribution)
- Maximum distance between detector and central unit: up to 2000 m (6552 ft) (in open area)
- Power supply: CR123A battery
- Power supply voltage: 3 V
- Battery life: Up to 7 years
- Operating temperature range: From 0°C (+32°F) to +50°C (+122°F)
- Operating humidity: Up to 90%
- Dimensions: 20x90 mm (0.78x3.54 in)



Ajax CombiProtect

Combined motion and glass break detector

Ajax CombiProtect detects the first step of a human intruder on the premises, but ignores the motion of pets, drafts and air conditioners. Controls glass integrity in radius of 9 meters from the detector.



Enhanced performance

- Works at the distance of up to 2,000m from Ajax Hub in open space or on the several floors of a business center
- Detects motion at 12 metres
- Detects glass break at 9 metres
- Detects the first human step
- 100% of the signal is processed digitally



Smooth operation

- The detector has 3 sensitivity levels
- SmartDetect detection algorithm does not react on animals weighing under 20 kilos
- FresnelTech optical component made from POLY IR4 material and hi-end Excelitas pirosensor eliminate alarms from glares and electromagnetic interference
- Digital temperature compensation ensures independence from climate conditions
- Two-factor glass break detection by high and low frequencies
- Two-way communication with the Hub for testing and customization
- Battery life — up to 5 years



Protection from failures and sabotage

- Authentication of the detector to protect from fraud
- The body is tamper proof
- Response from detectors is checked every 12-300 seconds (adjustable)
- Encrypted communication, identification and prevention of jamming



Simple professional-level installation

- No need to disassemble the body when installing on SmartBracket mount
- Connection quality and detection area can be tested from a remote location
- Connects to Ajax Hub in one click with the help of a QR-code
- Can work with an outside security system through Ajax integration modules (uartBridge and ocBridge/ocBridge Plus)

Tech specs

- Colours: White/Black
- Detector type: Wireless
- Use: Indoor
- Movement detection distance: Up to 12 m (39.4 ft)
- Movement and glassbreak sensitivity: 3 levels adjustable (low, medium, high)
- Movement detection angle: 88.5° horizontal / 80° vertical
- Installation height suggested: 2.4 m (7.9 ft)
- Pet ignoring option: Weight up to 20 kg (44 lb), height up to 50 cm (19.7 in)
- Glassbreak detection distance: Up to 9 m (29.5 ft)
- Detecting element: Pyrosensor (movement), electret microphone (glass break)
- Tamper protection: Available
- Radio signal power: 20 mW
- Communication protocol: Jeweller (868 or 915 MHz depending on the country of distribution)
- Maximum distance between detector and central unit: Up to 2000 m (6552 ft) (in open area)
- Power supply: CR123A battery
- Power supply voltage: 3 V
- Battery life: Up to 5 years
- Operating temperature range: From 0°C (+32°F) to +50°C (+122°F)
- Operating humidity: Up to 80%
- Dimensions: 110x65x50 mm (4.33x2.55x1.96 in)



Ajax SpaceControl

Keyfob remote for the security system

Unique rolling code without a constant component prevents signal fraud.
The working distance is up to 1,000 meters in open space.



Enhanced performance

- Works at the considerable distance from Ajax
- Hub or a bridge: 1000 meters of open space or several floors of a business center
- There is the option to partially arm the system
- Equipped with panic button



Easy to use

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



Protection from failures and sabotage

- Authentication of the device to protect from fraud
- Rolling code prevents signal fraud
- Messages are encrypted

Tech specs

- Colours: White/Black
- Number of buttons: 4
- Alarm button: Available
- Radio signal power: 20 mW
- Communication protocol: Jeweller (868 or 915 MHz depending on the country of distribution)
- Maximum distance between keyfob and central unit: Up to 1000 m (3300 ft) (in open area)
- Power supply: CR2032 battery
- Power supply voltage: 3 V
- Battery life: Up to 5 years
- Operating temperature range: From -20°C (-4°F) to +50°C (+122°F)
- Operating humidity: Up to 90%
- Dimensions: 65x37x10 mm (2.5x1.45x0.4 in)



Ajax StreetSiren

Wireless street siren with a sound level of up to 113 dB

Light and sound alarm with sound level customizable between 85 and 113 dB.

In open space maintains communication with Ajax Hub at the distance of up to 2,000 meters.



Enhanced performance

- Works at a considerable distance from Ajax Hub: 2,000 meters of open space or several floors of a building
- Powered from DC 12V power source or built-in batteries
- The length and sound level of alarm are customizable (85-113 dB)



Protection from failures and sabotage

- The body is tamper proof
- Raises alarm at the attempt of disassembly
- Response from the siren is checked every 12-300 seconds (adjustable)

Tech specs

- Colours: White/Black
- Device type: Wireless
- Use: Indoor/Outdoor
- Alarm type: Light and sound
- Sound alarm volume: Adjustable, 85-113 dB at the distance of 1m
- Operating frequency of piezo buzzer: 3.5±0.5 kHz
- Light alarm: Red LED
- Arm/disarm/armed state indication: Yes
- Power supply: From on-board batteries / or external 12V DC
- Battery type: 4 CR123A batteries, 3V
- Battery indicator : Yes
- Battery life: Up to 5 years
- External power supply: DC 12 V±20%
- Standby current: 70 µA (when polling every 36 seconds)
- Maximum alarm current: 1,45 A (max. volume)
- Maximum power consumption: From batteries – 4,35 W, external source DC 12V – 13.5 W
- Tamper protection: Available
- Dismount protection: Accelerometer
- Radio signal power: 25 mW
- Communication protocol: Jeweller (868 or 915 MHz depending on the country of distribution)
- Maximum distance between the siren and the hub: Up to 2000 m (6552 ft) (in open area)
- Radio monitoring: Synchronization with the central unit every 12 to 300 sec (customizable) Alarm triggering time: Less than a second
- Customizable alarm duration: Between 3 sec and 3 min
- Ingress protection: IP54
- Operating temperature range: From -20°C (-4°F) to +50°C(+140°F)
- Operating humidity: Up to 95%
- Dimensions: 200x200x51 mm (7.87x7.87x2in)
- Weight: 502 g



Smooth operation

- Works at temperatures between -20°C and +60°C and humidity up to 95%
- Battery life is up to 5 years
- Battery indicator shows battery level
- Arm/disarm/armed state indication
- Has a built-in buzzer for alert signal



Simple professional-level installation

- Interactive manual
- No need to disassemble the body when installing on SmartBracket mount
- Testing connection quality from a remote location



Ajax WallSwitch

Remote controller for household appliances

Turns household appliances on/off and tracks their energy consumption — through a mobile app or a web browser.



Enhanced performance

- Works at the considerable distance from Ajax Hub or a bridge: 1,000 meters of open space or the several floors of a building
- Enables switching the device, connected through Ajax WallSwitch, on and off through iOS/Android app or a browser
- Energy consumption calculation and graphs are available in the iOS/Android app or a browser



Smooth operation

- Remote antenna for better reception
- Operating voltage range: 110-230V
- Remembers settings after power failure



Protection from failures and sabotage

- Protected from power surges and overheating
- Response from the controller is checked every 12-300 seconds (adjustable)



Simple professional-level installation

- Installed in the wall plate

Tech specs

- Use: Indoor
- Actuator: Relay
- Relay service life: 200,000 switchings
- Power supply voltage: 110-240 V AC±10% 50/60Hz
- Voltage protection for 230 V electrical network: Max 264V, min 161V
- Voltage protection for 110 V electrical network: Max 126V, min 77V
- Maximum load current: 13 A
- Maximum current protection: Yes (13 A)
- Allowed power (resistive load at 230 V): Up to 3 kW
- Allowed power (resistive load at 110 V): Up to 1.5 kW
- Electric meter option: Yes (statistics available)
- Monitoring of power consumption parameters: Yes (current, voltage, power consumption)
- Allowed operating ambient temperature: From 0°C (+32°F) to +64°C (+147.2°F)
- Maximum temperature protection: Yes (65°C (+149°F) inside the wall plate)
- Communication protocol: Jeweller (868 or 915 MHz depending on the country of distribution)
- Radio signal power: 25 mW
- Command response time: Less than a second
- Maximum distance between detector and central unit: Up to 1000 m (3300 ft) (in open area)
- Power consumption in standby mode: Less than 1 W
- Ingress protection: IP20
- Operating humidity: Less than 75%
- Dimensions: 38x25x18 mm (1.49x0.98x0.70 in)
- Dimensions for mounting in the wall plate: Ø ≥ 50, depth 55 mm (2.17 in)

AJAX

Ajax LeaksProtect Detector for early detection of flooding

Ajax LeaksProtect detects water inflow within seconds, but cancels the alarm if it dries.
Energy-efficient, reliable and extremely long lasting.



Enhanced performance

- Works at the distance of up to 1,000 meters from Ajax Hub in open space or on the several floors of a business center
- Early detection of flooding



Smooth operation

- Alarm is canceled if the water dries
- Two-way communication with the Hub for testing and customization
- Changes transmission power depending on the distance to Ajax Hub
- Battery life — up to 5 years



Protection from failures and sabotage

- Is waterproof, with nickel-plated contacts
- Authentication to protect from fraud
- The body is tamper proof
- Vibration sensor notifies about shifting of the detector
- Operation confirmed by pings every 3 minutes



Simple professional-level installation

- The quality of connection to the Ajax Hub can be tested from a remote location
- Connects in one click with the help of a QR-code

Tech specs

- Colours: White/Black
- Detector type: Wireless
- Use: Indoor
- Radio signal power: 20 mW
- Communication protocol: Jeweller (868 or 915 MHz depending on the country of distribution)
- Maximum distance between detector and central unit: Up to 1000 m (3300 ft) (in open area)
- Polling interval: 3 min
- Transmission of alarm after detection: Immediately
- Battery type: 2 AAA
- Power supply voltage: 3 V
- Battery life: Up to 5 years
- Operating temperature range: From 0°C (+32°F) to +50°C (+122°F)
- Tamper protection: Available
- Alarm for detector's displacement: Available
- Operating humidity: Up to 100%
- Ingress protection: IP65
- Dimensions: 56x56x14 mm (2.20x2.20x0.55 in)



Ajax FireProtect

Advanced protection from the most frequently occurring disaster — fire

Burglary makes you lose valuables, but a fire can ruin everything you have. This is why we recommend adding Ajax FireProtect smoke detectors to your security system. Ajax FireProtect detectors have all the advantages of Ajax system. They are easy to install and control, are sabotage proof and extremely long lasting.



Smart detection of danger

- Smoke detection
- Raises alarm at the rapid increase of temperature in the room, even without smoke



Smooth operation

- Can work autonomously, without Ajax Hub
- Is energy-efficient, as can adjust power depending on the distance to the Hub
- Battery life is up to 5 years
- Notifies users when they need to dedust the detector
- Maintains two-way communication with the Hub for testing and customization
- Can be controlled and can deliver the alarm via a mobile app
- Has a built-in buzzer for alert signal



Protection from failures and sabotage

- Authentication of the detector to protect from fraud
- The body is tamper proof
- Operation confirmed by pings every 5 minutes



Simple professional-level installation

- Connects to Ajax Hub at the distance of up to 2,000 meters in the open space, which allows for placing detectors on several floors of the business center
- No need to disassemble the body when installing on SmartBracket mount
- Connection quality and detection area can be tested from a remote location

Tech specs

- Colours: White/Black
- Detector type: Wireless
- Use: Indoor
- Radio signal power: 20 mW
- Communication protocol: Jeweller (868 or 915 MHz depending on the country of distribution)
- Maximum distance between detector and central unit: Up to 1000 m (3300 ft) (in open area)
- Polling interval: 3 min
- Transmission of alarm after detection: Immediately
- Battery type: 2 AAA
- Power supply voltage: 3 V
- Battery life: Up to 5 years
- Operating temperature range: From 0°C (+32°F) to +50°C (+122°F)
- Tamper protection: Available
- Alarm for detector's displacement: Available
- Operating humidity: Up to 100%
- Ingress protection: IP65
- Dimensions: 56x56x14 mm (2.20x2.20x0.55 in)



Ajax RangeExtender

Range extender for the security system signal

Retransmits the signal of the security system to increase the secured area by two times.



Enhanced performance

- Increases the area covered by Ajax security system by two times
- Powerful ARM processor
- Allows you to expand the security system signal for 50 devices
- Integration into outside systems through uartBridge and ocBridge



Smooth operation

- Two-way communication with the Hub for testing and customization



Engineering masterpiece

- Built-in 50-230V power adapter
- Ajax RangeExtender is less than 4cm thick



Protection from failures and sabotage

- The body is tamper proof
- All sockets and buttons are inside the body
- Alarm goes off when external power is cut off
- Working time on back-up power is up to 7 hours
- Response from detectors is checked every 12-300 seconds (adjustable)
- Two antennas for better reception
- Detection and prevention of jamming, encrypted channels, authentication
- Clear frequency for each of the detectors

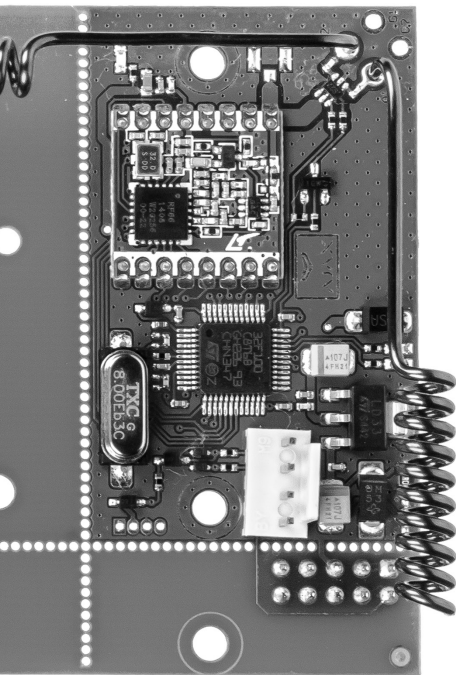


Simple professional-level installation

- Interactive manual
- SmartBracket for mounting without disassembling the body
- Remote testing of signal quality, detection area, and radio frequency noise level

Tech specs

- Colours: White/Black
- Dimensions: 162.7x162.7x35.9 mm (6.37x6.36x1.41 in)
- Weight: 300 g
- Power supply: 110 - 250 V AC
- Operating temperature range: From 0°C (+32°F) to +50°C (+122°F)
- Use: Indoor
- Communication protocol: Jeweller (868 or 915 MHz depending on the country of distribution)
- Radio signal power: 25 mW
- Tamper protection: Available
- Maximum distance between detector and central unit: Up to 2000 m (6562 ft) (in open area)
- Back-up battery: Li-Pol 2 Ah (up to 12 hours battery life)
- Number of connected devices: Up to 50



Ajax uartBridge

A module for integration of Ajax detectors into outside security systems and smart home systems of other manufacturers

A wireless network of smart and secure Ajax detectors can be added to the outside security system or smart home system through a UART interface.



Enhanced performance

- Jeweller wireless technology allows for expanding the network of detectors at the distance of up to 2,000 meters of open space or on the several floors of a business center
- The system capacity is up to 85 detectors



Protection from failures and sabotage

- Authentication of the device to protect from fraud
- Systems of identification and prevention of jamming
- Communication through encrypted channels



Smooth operation

- The detectors are customized through a radio channel
- Response from detectors is checked every 12-300 seconds (adjustable)
- Information for each device: alarms, battery level, the state of sensors etc

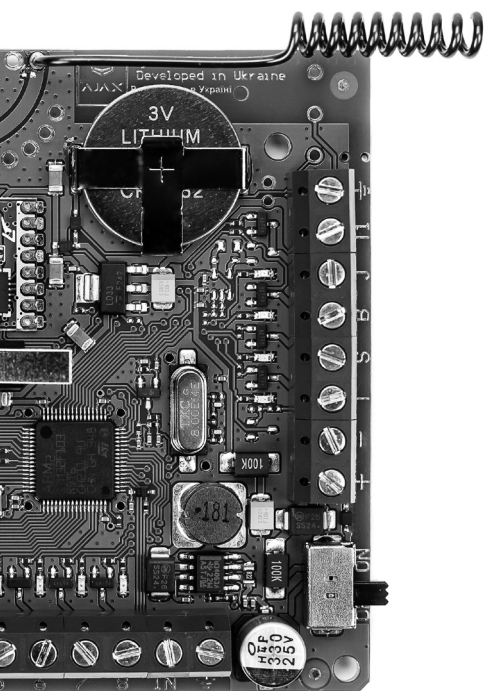


Simple professional-level installation

- Connection through UART interface

Tech specs

- Communication interface with central unit: UART (speed 57,600 Bd)
- Use: Indoor
- Radio signal power: 25 mW
- Communication protocol: Jeweller (868 or 915 MHz depending on the country of distribution)
- Maximum distance between a wireless detector and uartBridge receiver: 2000 m (6552 ft) (in open area)
- Maximum number of connected devices: 85
- Detection of jamming: Yes
- Software update: Yes
- Detector performance monitoring: Yes
- Power supply voltage: DC 5 V (from the UART interface)
- Operating temperature range: From -20°C (-4°F) to +50°C (+140°F)
- Operating humidity: Up to 90%
- Dimensions: 64x55x13 mm (2.51x2.16x0.51 in) (without antennas); 110x58x13 mm (4.33x2.28x0.51 in) (with antennas)



Ajax ocBridge Plus

An even more secure module for integration of Ajax detectors into outside security systems

Makes every wired security system wireless by giving it access to the advantages of Ajax detectors. Reception diversity and frequency hopping for additional protection from radio noise or jamming.



Enhanced performance

- Jeweller wireless technology allows for expanding the network of detectors at the distance of up to 2,000 meters of open space or on the several floors of a business center
- The bridge supports 8 security areas and 4 service areas
- The system capacity is up to 100 detectors



Protection from failures and sabotage

- Authentication of the device to protect from fraud
- Systems of identification and prevention of jamming
- Reception and hopping of frequencies are separated
- Communication through encrypted channels



Smooth operation

- The detectors are customized through a radio channel
- The history of all events noticed by the system is recorded
- Response from detectors is checked every 12-300 seconds (adjustable)



Simple professional-level installation

- Connection to the outside security system through 12 transistor outputs
- Connection to the PC through miniUSB, customization through Windows-configuration tool
- Connection quality and detection area of the detectors can be tested from a remote location

Tech specs

- Use: Indoor
- Radio signal power: 25 mW
- Communication protocol: Jeweller (868 or 915 MHz depending on the country of distribution)
- Maximum distance between detector and ocBridge: 2000 m (6552 ft) (in open area)
- Maximum number of connected devices: 100
- Detection of jamming: Yes
- Detector performance monitoring: Yes
- History of alarms and service events: Yes
- Connection of external antenna: Yes
- Software update: Yes
- Number of wired outputs/inputs: 13 (8+4+1)/1
- Power supply type: +/- connectors; miniUSB (only when configuring ocBridge)
- Power supply voltage: DC 8 – 14 V; miniUSB 5 V (only to configure the system)
- Operating temperature range: From -20°C (-4°F) to +50°C (+140°F)
- Operating humidity: Up to 90%
- Dimensions: 95x92x18 mm (3.74x3.62x0.70 in) (with antennas)