

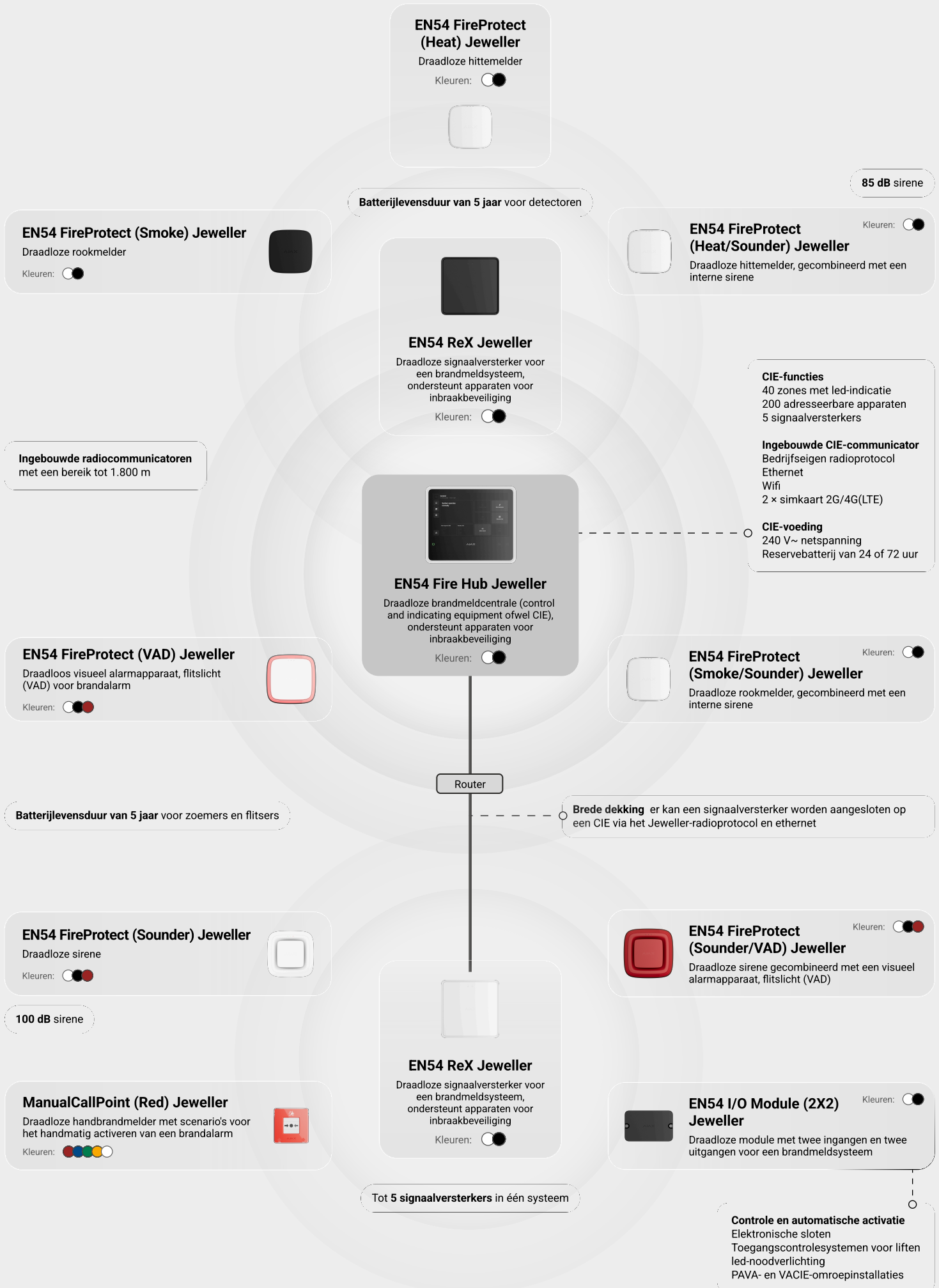
AJAX

EN54 LINE

Draadloos brandmeldsysteem voor utiliteitsbouw



EN 54 GECERTIFICEERD



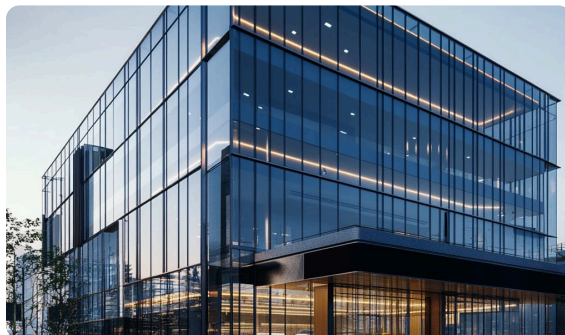
Next-gen oplossing voor algehele bescherming

De EN54 Line is een volledig draadloos geïntegreerd brandmeldsysteem dat ongeëvenaarde betrouwbaarheid biedt voor utiliteitsbouw. Deze oplossing is snel te implementeren, zelfs voor grootschalige projecten. De gratis mobiele en desktop Ajax-apps maken het instellen, beheren en bewaken op afstand eenvoudig, dit is cruciaal voor een effectieve bedrijfsvoering.

Het touchscreen CIE toont informatieve meldingen over brandalarmen en is, net als de apparaten, voorzien van ingebouwde communicatoren. De CIE biedt een unieke kans om een EN 54 conform brandmeldsysteem in een systeem te combineren met een EN 50131 conform inbraakalarm, automatisering en videobewaking. Dit verandert de manier waarop installatie- en bewakingsbedrijven kunnen werken.

Dekt een groot aantal locaties

- Restaurants en hotels
- Appartementen
- Scholen en kleuterscholen
- Kantoren en bedrijven
- Winkels en boetieks
- Overheidsinstellingen
- Ziekenhuizen en klinieken
- Erfgoed



Uitdagingen navigeren

- Het combineren van een brandalarm, inbraakbeveiliging en videobewaking in één systeem
- Voldoen aan regelgeving en verzekeringseisen
- Snelle installatie en inbedrijfstelling
- Installatie op gehuurde of tijdelijke locaties
- Behoud van historisch of cultureel belangrijk interieur
- Ingewikkelde bekabeling of beperkingen van de bestaande infrastructuur
- Behoefte aan flexibiliteit bij herontwerp of herconfiguratie van het systeem
- Installatie op muren of plafonds met asbest



Betrouwbare zekerheid. Prachtige eenvoud.

Certificering



EN 54
brandmeld-
en alarmsysteem



EN 50131 (Grade 2)
inbraakbeveiligings-
systeem



Adresseerbaarheid van elk systeemapparaat

biedt realtime apparaatstatus met gedetailleerde updates



Geavanceerde connectiviteit met ingebouwde communicatoren

De CIE blijft altijd online via ethernet, wifi en twee simkaarten 2G/4G(LTE)

Alle systeemapparaten verzenden naadloos gegevens via een bedrijfseigen radioprotocol



Draadloze software-updates

het systeem wordt automatisch bijgewerkt om de optimale prestaties en directe toegang tot nieuwe functies te garanderen



Draadloos bereik tot 2.000 m

betrouwbare tweerichtingscommunicatie via het bedrijfseigen Jeweller-protocol



Voldoet aan EN 54-13

zorgt ervoor dat alle componenten functioneren als één betrouwbaar, fouttolerant systeem



Wissel de batterij snel en zonder extra tools

het is niet nodig om de behuizing volledig te demonteren of het apparaat los te koppelen om de batterij te vervangen



Sabotagealarm

om te waarschuwen wanneer het apparaat losgekoppeld of wanneer de behuizing beschadigd is



Snelle installatie

slechts 5 minuten per apparaat, geen extra gereedschap nodig



Touchscreen CIE

groot scherm met een intuïtieve interface voor het beheren van brandalarmen en andere gebeurtenissen



Batterijlevensduur van 5 jaar

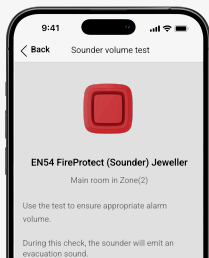
de voorgeïnstalleerde batterijen bieden langdurige autonomie voor detectoren, sirenes en flitslichten

Doorbreek oude gewoontes met krachtige apps

Ajax-apparaten werken samen met gratis mobiele en desktop-apps die naadloos integreren in uw workflow.

Geen programmering, geen verouderde configuratietools: alleen een intuïtieve interface voor snellere installaties en efficiënt onderhoud op afstand.

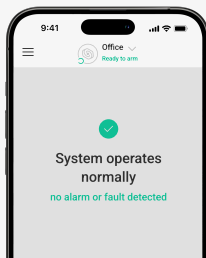
Ajax PRO: Tool for Engineers



Voor installateurs

Verbind, configureer en test apparaten op afstand en op locatie

Ajax Security System



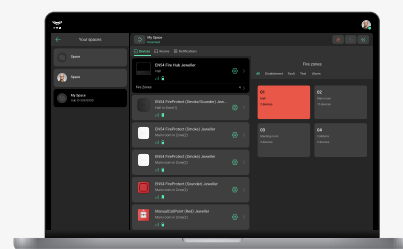
Voor een meldkamer

Blijf op de hoogte met directe brandalarmen en onderhoudsmeldingen

Voor eigenaren

Ontvang direct brand- en inbraakalarmen waar u ook bent

Ajax PRO Desktop



Voor dienstverleners

Beheer Ajax-systemen, monitor alarmen en bevestig ze met visuele verificatie



macOS



iOS



Windows



Android

Eenvoudig systeembeheer



EN54 Fire Hub Jeweller

Draadloze brandmeldcentrale (control and indicating equipment ofwel CIE), ondersteunt apparaten voor inbraakbeveiliging

Maak kennis met EN54 Fire Hub Jeweller, het CIE-touchscreen van Ajax, ontworpen voor het beheren van een brandmeldsysteem. Het beschikt over ingebouwde communicatoren en biedt een volledig draadloze verbinding waardoor het systeem snel kan worden geïmplementeerd en verbonden met meldkamers via de Ajax-apps. Met het grote touchscreen en de intuïtieve interface biedt de CIE gedetailleerde meldingen over de status van het systeem en alarmen, zodat personeel direct op de hoogte is van elke situatie. De CIE ondersteunt ook EN 50131 (Grade 2) inbraakbeveiliging, videobewaking en automatiseringsapparatuur, waardoor het een uniforme oplossing is voor utiliteitsbouw. Elk alarm kan gepaard gaan met visuele verificatie, waardoor het personeel sneller en gemakkelijker kan reageren op een alarm.

Uitgebreide normering EN 54-2, EN 54-4, EN 54-13, EN 54-21, EN 54-25, and EN 50131 (Grade 2)	Draadloze Jeweller-technologie communicatie met systeemapparaten tot 1.800 m
Ingebouwde communicatoren biedt radiocommunicatie met systeemapparaten en internetverbinding via ethernet, wifi en twee simkaarten 2G/4G(LTE)	40 brandzones met led-indicatie 25 inbraakgroepen 200 adresseerbare apparaten 64 automatiseringsscenario's
Alomvattende bescherming ondersteuning voor brand-, inbraak- en automatiseringsapparaten	Overdracht van alarmen en gebeurtenissen naar PAC's via de protocollen SurGard (Contact ID) en SIA (DC-09)
Groot touchscreen met een intuïtieve interface een 10,1"-scherm met een resolutie van 1024 × 600 px	Ondersteunt 5 signaalversterkers aansluitbaar via het Jeweller-radioprotocol en ethernet
240 V~ netvoeding met een back-up batterij voor 24 of 72 uur	Grootte van de compacte behuizing 277 × 267 × 65 mm
Een ingebouwde sirene van 60 dB	IP20-bescherming van behuizing
Interface beschikbaar in alle systeemtalen	Operationeel temperatuurbereik: van -10 tot +40 °C

GlandBox

Bekabelingsaccessoire voor EN54 Fire Hub Jeweller, voor zijdelingse kabelinvoer via kabelwartels



Gepatenteerde detectietechnologie en opname-autonomie

EN 54 hitte- en rookmelders

EN54 FireProtect (Heat) Jeweller	Draadloze hittemelder	EN 54-5 EN 54-25
EN54 FireProtect (Heat/Sounder) Jeweller	Draadloze hittemelder, gecombineerd met een interne sirene	EN 54-3 EN 54-5 EN 54-25
EN54 FireProtect (Smoke) Jeweller	Draadloze rookmelder	EN 54-7 EN 54-25
EN54 FireProtect (Smoke/Sounder) Jeweller	Draadloze rookmelder, gecombineerd met een interne sirene	EN 54-3 EN 54-7 EN 54-25



Gepatenteerde rookkamer met optische sensor met dubbel spectrum



Twee A1R/A1S/BR/BS/CS en vaste temperatuur thermistoren

Ingebouwde radiocommunicatoren

Ingebouwde sirene met een volume van 85 dB op een afstand van 1 m

Batterijlevensduur van 5 jaar

IP21C-behuizing, van 124 × 124 × 48 mm

Operationeel temperatuurbereik van 0 tot +50 °C

EN 54 sirenes en flitslichten

EN54 FireProtect (Sounder) Jeweller	Draadloze sirene	EN 54-3 EN 54-25
EN54 FireProtect (Sounder/VAD) Jeweller	Draadloze sirene gecombineerd met een visueel alarmapparaat, flitslicht (VAD)	EN 54-3 EN 54-23 EN 54-25
EN54 FireProtect (VAD) Jeweller	Draadloos visueel alarmapparaat, flitslicht (VAD) voor brandalarm	EN 54-23 EN 54-25



Volume van 100 dB en 32 selecteerbare alarmpatronen



Visuele indicatie: W-2.4-8.2 / C-3-8

Ingebouwde radiocommunicatoren

Batterijlevensduur van 5 jaar

IP54-behuizing van 145 × 145 × 51 mm

Operationeel temperatuurbereik van -10 tot +50 °C

Bliksemsnelle opdrachten op kritieke momenten

ManualCallPoint Jeweller

Draadloze handbrandmelder met scenario's voor het handmatig activeren van een brandalarm



EN 54-11

EN 54-25

- Knopmechanisme dat niet vast kan komen te zitten
- EN 54-gecertificeerd (alleen de rode versie)
- Tot 7 jaar zelfstandige werking
- Transparante voorklep om onbedoeld activering van het alarm te voorkomen
- Ingebouwde radiocommunicatoren
- Behuizing van 102 × 104 × 39 mm met een operationeel temperatuurbereik van 0 tot +50 °C

Krachtige toevoegingen voor meer systeemcapaciteit

EN54 Fire ReX Jeweller

Draadloze signaalversterker voor een brandmeldsysteem, ondersteunt apparaten voor inbraakbeveiliging



EN 54-4

EN 54-18

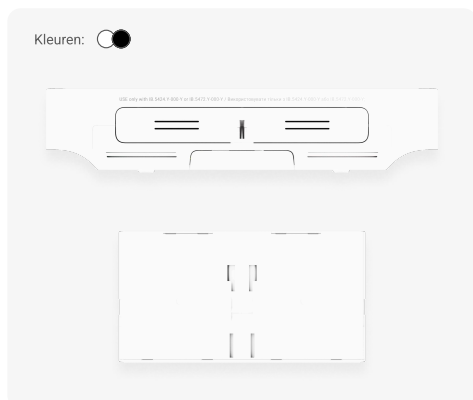
EN 54-25

EN 50131
(Grade 2)

- Tot 1.800 m aan extra communicatiebereik via het Jeweller-radioprotocol en ethernet
- Uitgebreide dekking van het systeem met 5 signaalversterkers per CIE
- Ondersteunt alle combinaties van apparaten binnen het limiet van de CIE
- 240 V~ netvoeding met een reservebatterij van 24 of 72 uur
- Ondersteuning voor brand-, inbraak- en automatiseringsapparaten
- IP20-behuizing van 226 × 239 × 53,5 mm
- Operationeel temperatuurbereik van -10 tot +40 °C

EN54 Internal Battery

Oplaadbare Li-ion batterijen voor installatie in EN54 Fire Hub Jeweller of EN54 Fire ReX Jeweller



Beschikbare modellen:

- **EN54 Internal Battery (24h)**
een 7,4 V batterij met een capaciteit van 5 Ah
- **EN54 Internal Battery (72h)**
een 7,4 V batterij met een capaciteit van 10 Ah

EN54 I/O Module (2X2) Jeweller

Draadloze module met twee ingangen en twee uitgangen voor een brandmeldsysteem



EN 54-18

EN 54-25

- 2 ingangen die NO, NC, EOL, 2EOL en 3EOL ondersteunen om alarmen te ontvangen
- 2 uitgangen om apparaten van derden te beheren
- Tot 5 jaar zelfstandige werking
- Doordacht ontwerp voor eenvoudige bekabeling
- Ingebouwde radiocommunicatoren
- IP21C behuizing van 116 × 180 × 62 mm
- Operationeel temperatuurbereik van 0 tot +50 °C

Apparaten van de EN54 Line

Naam van het apparaat	Beschrijving van apparaat	Certificering	
EN54 Fire Hub Jeweller	Draadloze brandmeldcentrale (control and indicating equipment ofwel CIE), ondersteunt apparaten voor inbraakbeveiliging	EU CPR: EN 54-2 EN 54-4 EN 54-13 EN 54-21 EN 54-25	EN 50131 (Grade 2) Richtlijn 2014/53/EU (RED)
GlandBox	Accessoire voor bekabeling van bedienings- en signaleringsapparatuur (CIE)	–	
EN54 Fire ReX Jeweller	Draadloze signaalversterker voor een brandmeldsysteem, ondersteunt apparaten voor inbraakbeveiliging	EU CPR: EN 54-4 EN 54-18 EN 54-25	EN 50131 (Grade 2) Richtlijn 2014/53/EU (RED)
EN54 Internal Battery (24h)	Oplaadbare Li-ion batterij (7,4 V/5 Ah) voor installatie in EN54 Fire Hub Jeweller of EN54 Fire ReX Jeweller		Richtlijn 2006/66/EG Verordening (EU) 2023/1542
EN54 Internal Battery (72h)	Oplaadbare Li-ion batterij (7,4 V/10 Ah) voor installatie in EN54 Fire Hub Jeweller of EN54 Fire ReX Jeweller		Richtlijn 2006/66/EG Verordening (EU) 2023/1542
EN54 FireProtect (Heat) Jeweller	Draadloze hittemelder	EU CPR: EN 54-5 EN 54-25	Richtlijn 2014/53/EU (RED)
EN54 FireProtect (Heat/Sounder) Jeweller	Draadloze hittemelder, gecombineerd met een interne sirene	EU CPR: EN 54-3 EN 54-5 EN 54-25	Richtlijn 2014/53/EU (RED)
EN54 FireProtect (Smoke) Jeweller	Draadloze rookmelder	EU CPR: EN 54-7 EN 54-25	Richtlijn 2014/53/EU (RED)
EN54 FireProtect (Smoke/Sounder) Jeweller	Draadloze rookmelder, gecombineerd met een interne sirene	EU CPR: EN 54-3 EN 54-7 EN 54-25	Richtlijn 2014/53/EU (RED)
EN54 FireProtect (Sounder) Jeweller	Draadloze sirene	EU CPR: EN 54-3 EN 54-25	Richtlijn 2014/53/EU (RED)
EN54 FireProtect (Sounder/VAD) Jeweller	Draadloze sirene gecombineerd met een visueel alarmapparaat, flitslicht (VAD)	EU CPR: EN 54-3 EN 54-23 EN 54-25	Richtlijn 2014/53/EU (RED)
EN54 FireProtect (VAD) Jeweller	Draadloos visueel alarmapparaat, flitslicht (VAD) voor brandalarm	EU CPR: EN 54-23 EN 54-25	Richtlijn 2014/53/EU (RED)
EN54 I/O Module (2X2) Jeweller	Draadloze module met twee ingangen en twee uitgangen voor een brandmeldsysteem	EU CPR: EN 54-18 EN 54-25	Richtlijn 2014/53/EU (RED)
ManualCallPoint (Red) Jeweller	Draadloze herinstelbare knop met programmeerbare scenario's voor het handmatig activeren van een brandalarm. Rode versie.	EU CPR: EN 54-11 EN 54-25	Richtlijn 2014/53/EU (RED)
ManualCallPoint (Blue) Jeweller	Draadloze herinstelbare knop met programmeerbare scenario's. Blauwe versie.		Richtlijn 2014/53/EU (RED)
ManualCallPoint (Green) Jeweller	Draadloze herinstelbare knop met programmeerbare scenario's. Groene versie.		Richtlijn 2014/53/EU (RED)
ManualCallPoint (Yellow) Jeweller	Draadloze herinstelbare knop met programmeerbare scenario's. Gele versie.		Richtlijn 2014/53/EU (RED)
ManualCallPoint (White) Jeweller	Draadloze herinstelbare knop met programmeerbare scenario's. Witte versie.		Richtlijn 2014/53/EU (RED)



Partner met Ajax Systems
ajax.systems/partner-form

Geliefd bij eindgebruikers

Het Ajax-beveiligingssysteem combineert de betrouwbaarheid van professionele beveiligingsapparatuur met de gebruikerservaring van slimme thuisoplossingen. Mensen begrijpen hoe Ajax werkt in slechts enkele minuten. Het laatste klanttevredenheidsonderzoek toont aan dat 9 van de 10 Ajax-gebruikers het systeem zou aanraden bij vrienden en familie.

Gratis en gebruiksvriendelijke apps

Alarmen afgeleverd via pushmeldingen, sms'jes en oproepen

Regelmatig gratis firmware-updates om nieuwe functies te leveren



beoordeeld met 4,6 sterren
5875 klantbeoordelingen

Meer dan
1 500 000

mensen wereldwijd met Ajax-beveiliging

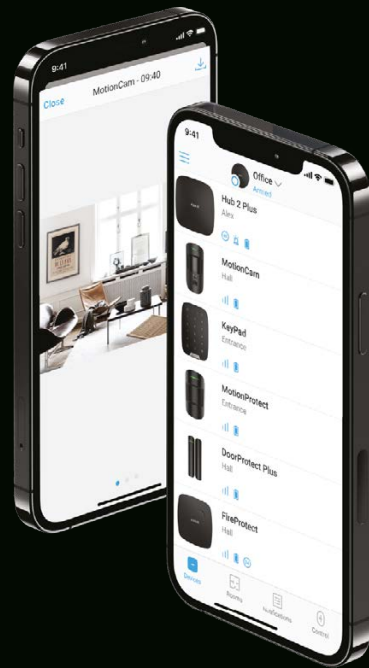
Professionele beveiligingsapparatuur om uw bedrijf te laten groeien

Onderhoud zonder gedoe

Apparaten worden op afstand geconfigureerd. Draadloze apparaten werken 2 tot 7 jaar op voorgeïnstalleerde batterijen.

Probleemloze installatie met SmartBracket

voorgeïnstalleerde batterijen.



Ondersteuning voor professionele bewaking

Ajax kan direct aangesloten worden op CMS/ARC en/of via de Ajax Cloud. En de fotoverificatie van alarmmeldingen vermindert het onnodig uitschakelen van patrouilles.

PRO-software

Maakt het mogelijk een onbeperkt aantal beveiligingssys temen te beheren en alarmbewaking te bieden voor panden die door Ajax worden beveiligd.

Kenmerkende technologieën



Jeweller

De draadloze apparaten van Ajax gebruiken een beveiligd radioprotocol dat een ononderbroken tweewegscommunicatie biedt tussen de apparaten en het bedieningspaneel, een Ajax-hub.



Wings

Een radioprotocol van Ajax dat is ontwikkeld voor versleutelde overdracht van visuele gegevens over grote afstanden. Meldkamermedewerkers en gebruikers kunnen de eerste momentopname van een situatie zien in slechts 9 seconden nadat een bewegingsalarm is geactiveerd.



Fibra

Als aanvulling op Jeweller gebruiken de hybride beveiligingssystemen van Ajax een busaansluiting met versleutelde tweerichtingscommunicatie, waardoor u verzekerd bent van snelle en robuuste communicatie tussen hubs en apparaten.

Verbindt apparaten tot op een afstand van 2000 m.

Levert foto's tot op een afstand van 1700 m.

Ondersteunt tot 2000 m aan bekabelde verbindingen.

Schaalvergroting voor beveiligingsbedrijven in meer dan 130 landen

70%

van de klantvragen worden op afstand opgelost zonder een bezoek ter plaatse.

67%

van de gebruikers schaffen binnen de eerste 6 maanden extra Ajax-apparaten aan.

Klaar om alle eigendommen te beveiligen

Het Ajax-systeem past bij elk interieur en terrein. Het systeem beschermt uw vastgoed tegen inbrekers en reageert onmiddellijk op waterlekken, brand, gevaarlijke CO- en CO2-concentraties. Flexibele instellingen, logboek en automatische scenario's — alles is gemakkelijk te configureren en te controleren via Ajax-apps die gebruikers op elke locatie in realtime voorzien van controle over de beveiliging.



Woning



Bedrijf op wielen



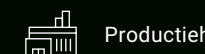
Garantie



Garantie



Jacht



Productiehal



Bar en restaurant



Winkel



Kantoor



Ondergrondse parking



Meer informatie over ons

www.ajax.systems



Aanbevolen door experts

De hardware en software van Ajax worden door beveiligingsexperts over de hele wereld erkend. Door te voldoen aan de strengste normen binnen de sector, genieten installateurs, meldkamers en de eindgebruikers van de beste gebruikerservaring.



Alarmsysteem van het jaar



Inbraaksysteem van het jaar



Innovatief beveiligingsproduct van het jaar



Risico's op het gebied van beveiliging en brandbestrijding



Wanneer beveiliging een kunst is

Professioneel beveiligingssysteem



Inbraakbeveiliging



Branddetectie



Overstromingspreventie



Automatisering



Comfort en productiviteit



CCTV-integratie



Bedieningspanelen



Scan om deze producten online te ontdekken

Hub Hybrid (2G), Hub Hybrid (4G)

Ondersteuning voor bekabelde Fibra- en draadloze Jeweller-apparaten

Beschikbaar in twee configuraties: met mobiele 2G- en 4G-modems

Fotoverificatie

3 communicatiekanalen: 2 simkaarten en Ethernet

Hub 2 (2G), Hub 2 (4G)

Ondersteuning met Jeweller voor draadloze apparaten

Fotoverificatie

3 communicatiekanalen: 2 simkaarten en Ethernet

Beschikbaar in twee configuraties: met mobiele 2G- en 4G-modems

Hub 2 Plus

Ondersteuning met Jeweller voor draadloze apparaten

Fotoverificatie

4 communicatiekanalen: 2G/3G/4G(LTE) 2 simkaarten, wifi en Ethernet



Radio signaalversterkers



Scan om deze producten online te ontdekken

ReX kan de afstand tussen een Ajax-hub en het apparaat verdubbelen. Met 5 signaalversterkers in één systeem kunt u de dekking aanzienlijk verhogen. ReX 2 kan ook verbinding maken met de hub via Ethernet. Zo worden ondergrondse parkeerplaatsen en magazijnen bestaande uit afzonderlijke metalen delen beschermd zonder risico op verzwakking van het radiosignaal.

tot 5 ReX in het systeem

werkt tot 38 uur via een reservebatterij

frequentieverspringing

Bewegingsdetectoren

Detecteert indringers vanaf de eerste stappen, zowel buiten als binnen.

Modellen met brede hoek en gordijntype

Digitale algoritmen voor de preventie van valse alarmen

Registreert geen huisdieren

Antimaskeerfunctie

Fotoverificatie



Scan om deze producten online te ontdekken



Openingsdetectoren

Meer dan standaard magnetische contactsensoren.

Extra NC-ingang om een detector van derden te verbinden

Model met tilt- en schoksensoren

Meer installatiemogelijkheden met twee magneten van verschillende formaten

Beschermt tegen valse alarmen door trillingen en doorslaan



Scan om deze producten online te ontdekken

Glasbreukdetectoren

Akoestische sensoren tegen inbrekers en vanden.

Detectie van glasbreuk tot op een afstand van 9 m

Horizontale detectiehoek van 180°

Tweefactorverificatie van glasbreuk en filtering van valse alarmen

Aanpasbare gevoeligheid



Scan om deze producten online te ontdekken



Branddetectoren

Slimme detectie van rook, gevaarlijke CO-concentraties en hoge of snelle temperatuurstijgingen.

Modellen met verzegelde of vervangbare batterijen

Een ingebouwde zoemer van 85 dB

Onderling verbonden alarmfunctie

Kan werken zonder een Ajax-hub



Scan om deze producten online te ontdekken



Overstromingspreventie

Draadloze oplossing die waterlekkages voorkomt. Bevat een lekdetector en slimme afsluitklep.

Detecteert waterlekkages 24/7, 365 dagen per jaar

Automatiseringsscenario's en bediening op afstand

Diverse installatieoptie

Alarm in 0,15 seconden, water afsluiten in 5 seconden

Waterdichte behuizing



Scan om deze producten online te ontdekken

Luchtkwaliteit

Bewaking van de luchtkwaliteit binnen om uw gezondheid, comfort en productiviteit te beschermen.

Monitor voor temperatuur, luchtvochtigheid en CO2

Automatiseringsscenario's voor klimaatbeheersing

Gedetailleerde statistieken en geschiedenis in de app



Scan om deze producten online te ontdekken

Bedieningselementen en paniekknoppen

Eenvoud en beveiliging in een strak design.

Bescherming tegen sabotage en onbedoeld klikken

Contactloze ondersteuning voor kaarten en afstandsbedieningen

SmartBracket en Holder voor een moeiteloze voor een installatie



Scan om deze producten online te ontdekken

Automatiseringsapparatuur

Slimme apparaten voor de bediening van de verlichting en apparaten op afstand.

Puls- en bistabiele modi

Beveiliging tegen spanningsfluctuaties en oververhitting

Bewaking van elektrisch stroomverbruik

Automatiseringsscenario's



Scan om deze producten online te ontdekken



Integraties

Breid de mogelijkheden van Ajax uit met apparatuur van derden en vernieuw een oud bekabeld alarm.

Bekabelde apparaten van derden

Slimme thuishsystemen

VHF-radiozenders



Scan om deze producten online te ontdekken



AJAX

Professional Wireless Security System



Contents

04	Professional wireless security	34	GlassProtect
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30	MotionProtect Outdoor	57	MultiTransmitter
32	DoorProtect / DoorProtect Plus	58	StreetSiren DoubleDeck with BrandPlate

The Most Awarded Wireless Security System in Europe



Intruder Alarm of the Year



The Best Innovative Product



Innovative Security Product of the Year

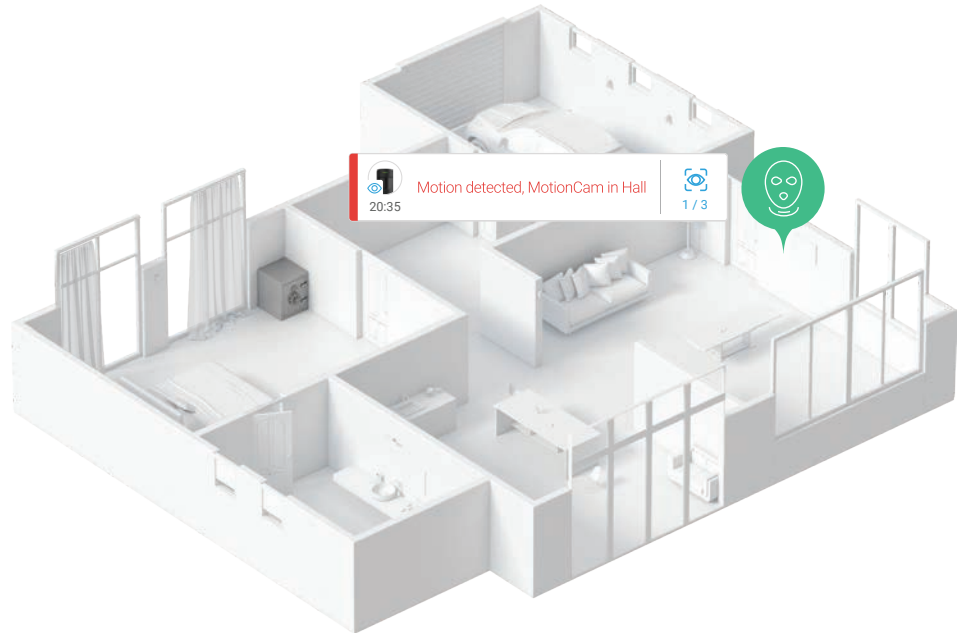


Security & Firefighting Risks

Professional Wireless Security

Ajax protects your family and business from burglars, fires, and leakages. If trouble comes, the system immediately activates sirens, notifies users, and requests help from an alarm response company.

- Spotting intrusion
- Preventing fire
- Detecting flooding
- Verifying alarms with photos
- Supporting security cameras
- Executing automation scenarios



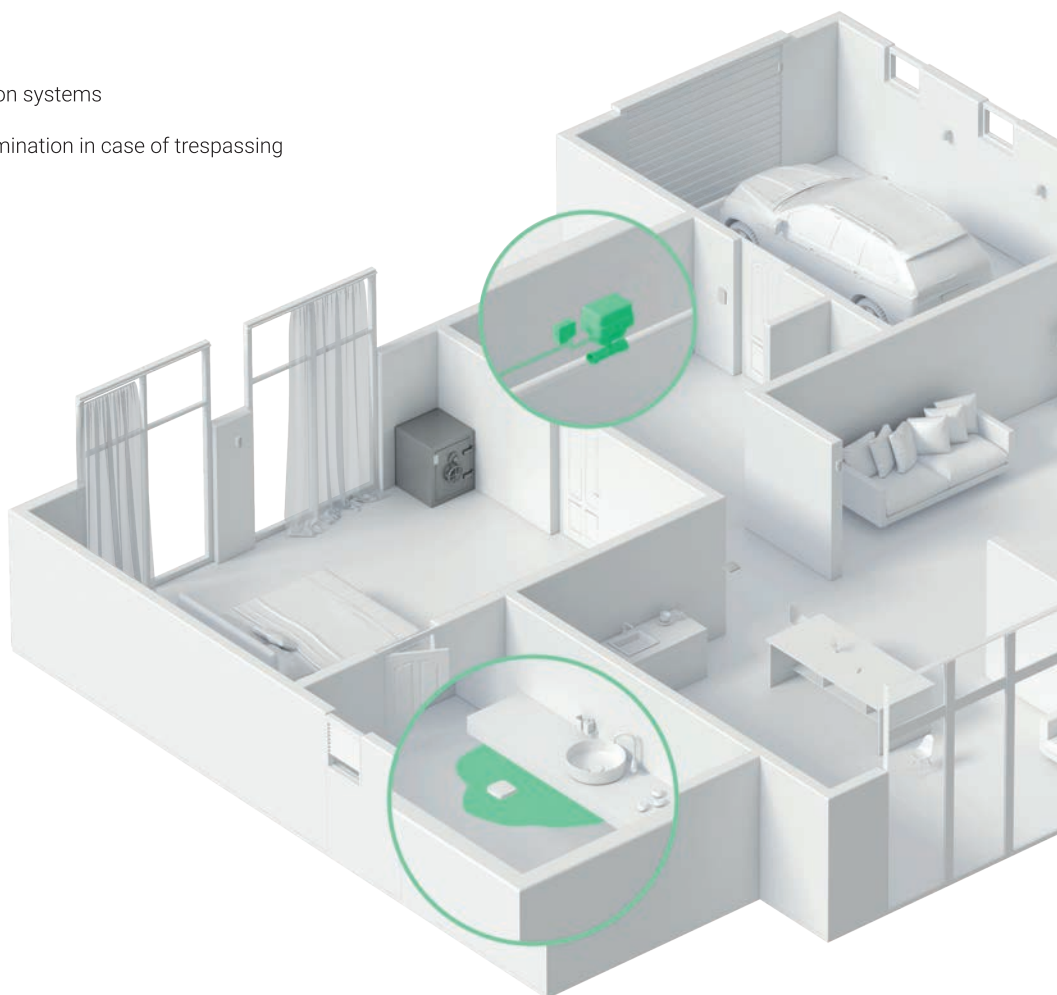
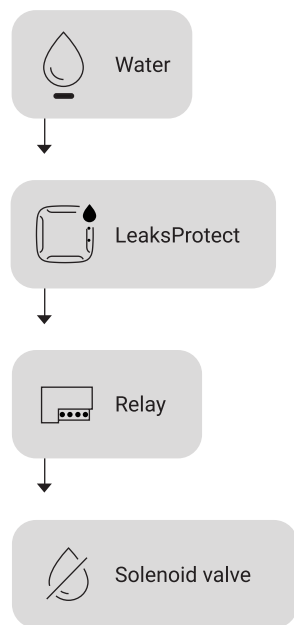
Visual Alarm Verification

MotionCam detectors accelerate the process of confirming alarms. The moment someone enters a secured area, the detector makes a series of photos. Ajax delivers the first snapshot within 9 seconds following the motion alarm. To ensure privacy, MotionCam activates its camera only when triggered.

Home Automation

With scenarios, Ajax resists threats and manages home appliances automatically. A real-time OS Malevich is responsible for the uninterrupted execution of commands. So if the central panel loses the connection with Ajax Cloud, the security system still follows pre-set instructions.

- Schedule arming/disarming/Night mode
- Configure automatic flood and fire prevention systems
- Use motion alarm to switch on outdoor illumination in case of trespassing
- Create scenarios for appliances



Unique Communication Technologies



Jeweller

Jeweller is our proprietary radio technology engineered for advanced protection of residential and commercial properties. The technology enables two-way communication with system devices for remote configuring and instant alarm transmission. Transmitted data is encrypted using a block cipher with a dynamic key. Ajax detects jamming and notifies users as well as an alarm response company about difficulties.

- Up to 2,000 m wireless communication range
- Alarm delivery in 0.15 s
- Two-way radio communication
- Minimum device polling interval: 12 s
- 868.0–868.6 MHz operating frequency band
- Up to 7 years of detector battery life



Wings

Wings is a high-speed radio protocol for data transmission. It allows MotionCam detectors to send visual alarm verifications to the hub at a distance of up to 1,700 meters. Security companies and users can see the first snapshot in 9 seconds after motion is detected. Wings' energy efficiency allows MotionCam detectors to operate up to 4 years on the pre-installed batteries.

- Transmission of images parallel to the alarms
- Photo series for detailed situation appraisal
- First photo delivered in less than 9 s
- Up to 640×480 px image resolution

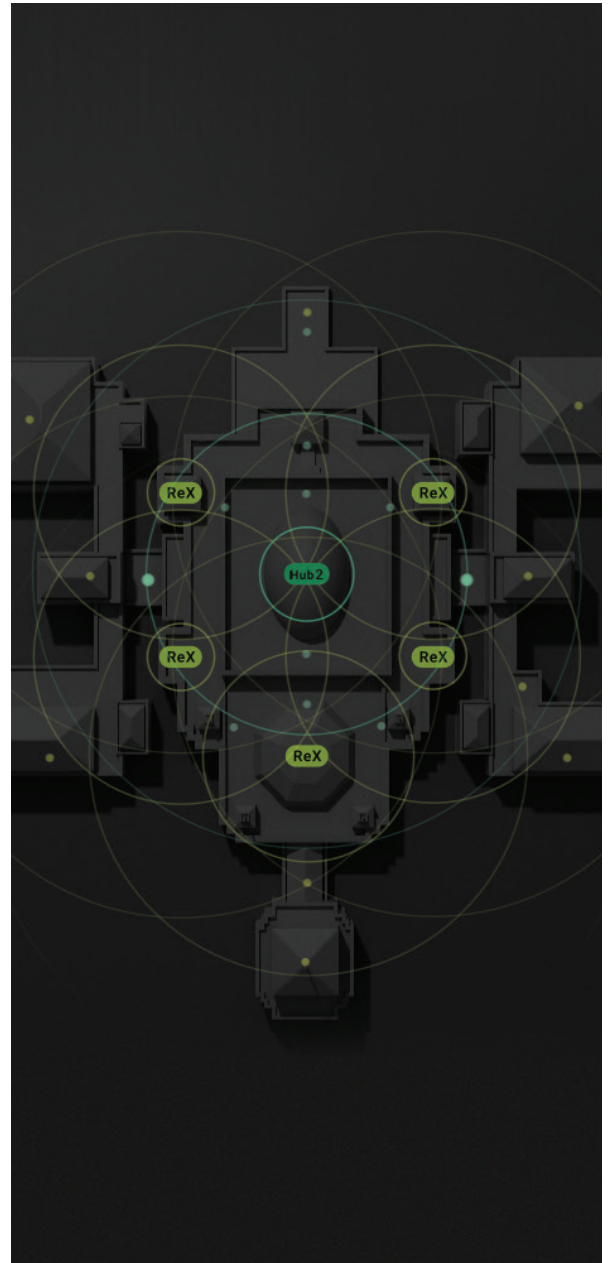
Security of Any Scale

One facility means one security system. To make this statement true for massive-scale productions, warehouse complexes, and multi-story business centers, we've developed ReX: a radio signal range extender. ReX doubles the Jeweller communication range, boosting the coverage of one hub up to 16 km². Hub 2 and Hub Plus central panels support five range extenders in one system, covering up to 35 km².

Hub / Hub 2 / Hub Plus	up to 12 km ²
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Hub + Rex	up to 16 km ²
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Hub 2 / Hub Plus + 5 ReX	up to 35 km ²
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OS Malevich



Ajax operates on a real-time operating system, which ensures flawless execution of every command. Such operating systems are used in robotics, aviation, and military — in every field with no place for mistake.

OS Malevich is named after Kazimir Malevich, an avant-garde artist whose concept of Suprematism brought basic geometrical forms to the form of pure art. This approach inspired us to develop the perfect and straightforward software with broad potential for improvements.

Running in every Ajax control panel, OS Malevich controls devices and communicates with the cloud server over several channels. Its modular architecture enables to expand system possibilities with over-the-air updates automatically and regularly. OS Malevich communicates with users via push-notifications, SMS, and calls, delivering alarms, notifying of events, or sending pictures from motion detectors. Designed as an independent software solution, OS Malevich has no breach for cyber-attacks.



Protected from cyber-attacks



Constantly monitors each device



Improves the Ajax system with each update



Updates automatically over the air

Anti-Sabotage

Your security system can't be destroyed without your awareness: Ajax notifies of device malfunctions or connection failures and maintains a log of system events. Foreseeing that our system can face serious threats, we've implemented backup systems. And backups for these backups. During a blackout, the hub will stay on its mission powered by a back-up battery. In case of radio signal interference, the hub switches the back-up frequency and notifies users and an alarm response company. If Ethernet cable has been cut off, our hubs can automatically switch to GSM/UMTS (2G/3G). One hub can have up to 4 communication channels.

No worries about



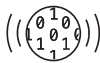
Blackout

All detectors operate on batteries. In the case of a blackout, the hub reports a power failure and continues to operate using the backup battery



Radio Channel Jamming

System notifies ARC and users and switches the frequency



Hacking Attempts

Ajax encrypts all transmitted data using block cipher with a dynamic key and authenticates devices during each interaction



Internet Issues

If Ethernet or Wi-Fi fails, the hub uses GSM/UMTS channels to remain online



Server Connection Loss

Ajax Cloud detects when hub goes offline and notifies ARC and users



Tampering

An alarm is triggered if someone dismounts the device



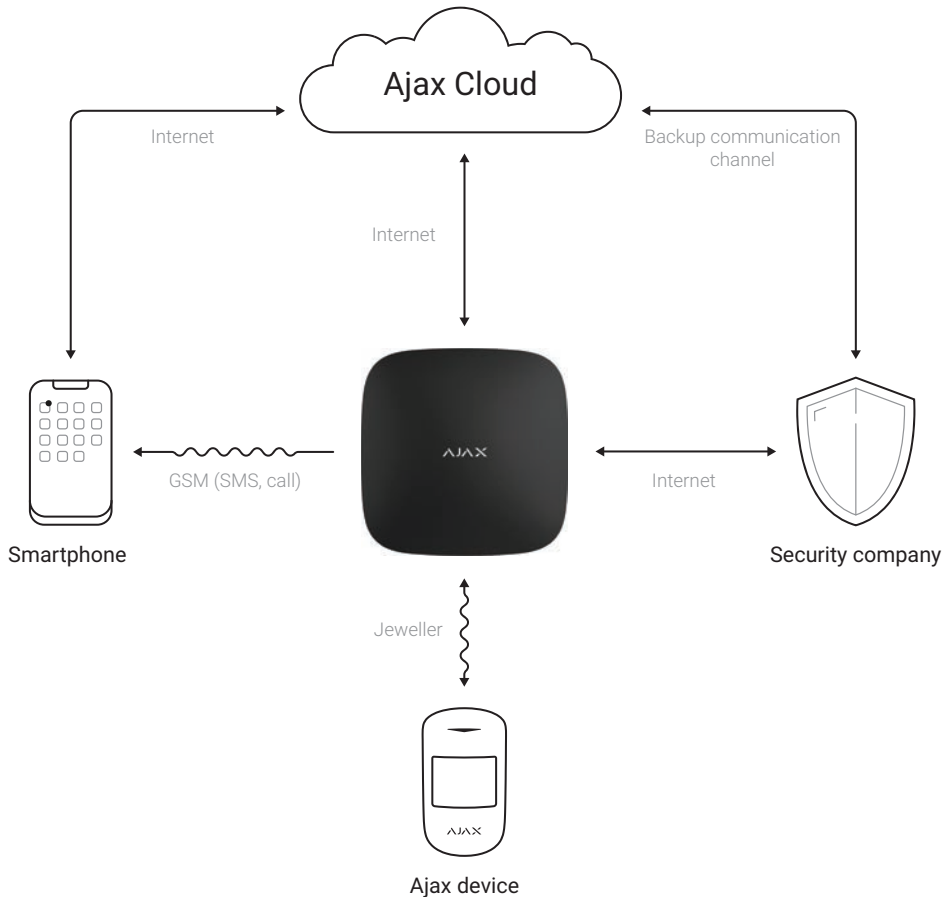
Detector Failure

Hub monitors each device and sends an immediate alert in case of failure

Ajax Cloud

Our cloud server provides the possibility to manage and configure security systems from any point in the world.

Ajax Cloud is an always-on-duty focal point for hubs, security companies, and users. Processing alarms instantly, it provides a reliable platform for transferring updates and back-up communication with central monitoring stations.



Features

- Real-time remote management
- Detailed status of devices
- High-load endurance
- Automatic software updates

Video Surveillance

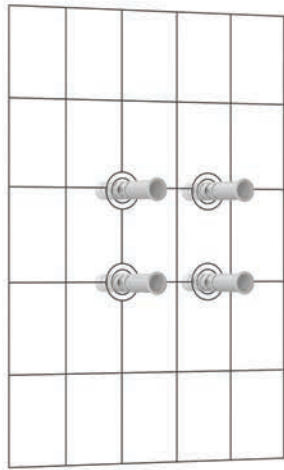
With Ajax, you won't have to split the protection: combine security system management and video surveillance in one app. Connect Dahua, Hikvision, Safire or Uniview cameras and DVRs in minutes using quick integrations. Or connect any other IP-camera via RTSP.

- Stream video and sound
- Save snapshots
- Zoom video in
- Connect single cameras or DVRs with hundreds of connected cameras



Seamless Setup

We've made the installation process as simple as possible. Our devices come with pre-installed batteries and ready to operate from the box. Pair them with the hub using a QR-code and mount on SmartBracket. Our apps help installers to test signal strength and detection zones on-site, as well as reconfigure devices remotely.



Wall



SmartBracket

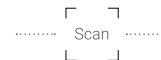


Screws

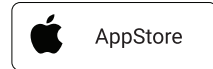


Device

- In-app wizard for pairing
- No need to disassemble devices
- Remote testing and device configuring



App for End Users



Ajax Security System app is designed to help users to stay in touch with their property from anywhere in the world.

Easy to Use



Arm/disarm the system



Schedule security



Get instant notifications



Create scenarios



Manage users



Control smart home



Follow the log of events



Watch security cameras

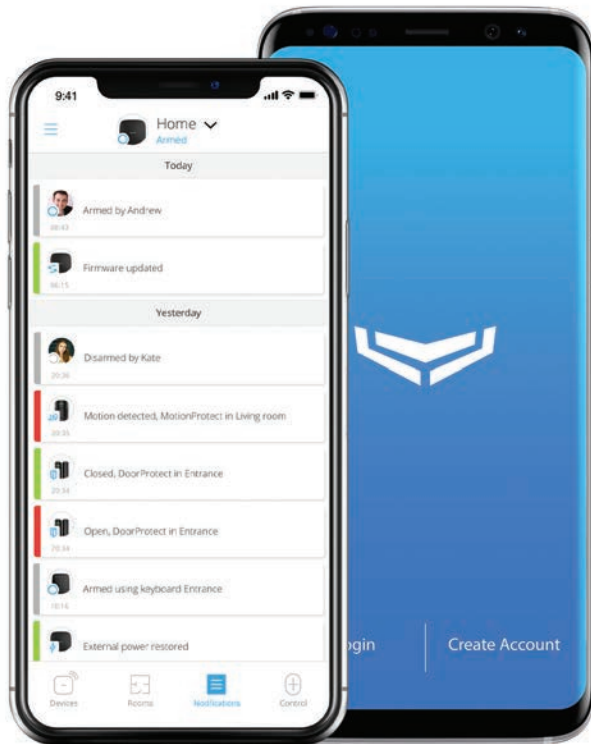
Secure in Every Way



Sessions management



Two-factor authentication support



Apps for PROs

With Ajax PRO apps, teams have everything to administer, configure and monitor alarms of an unlimited amount of hubs. At the office, in the field, and on the go. All accounts are constantly in sync.



Set alarm monitoring stations



Test communication and detectors



Create arming/disarming schedules for the whole system or selected groups of devices



Coordinate the work of a team



Add/remove users and manage their access to settings



Configure alarm reactions for automation devices



Swiftly verify alarms with photos from MotionCam detectors



Search and filter the log of events



Configure the alarm confirmation algorithm



Create new security objects and connect equipment



Connect video cameras and DVRs

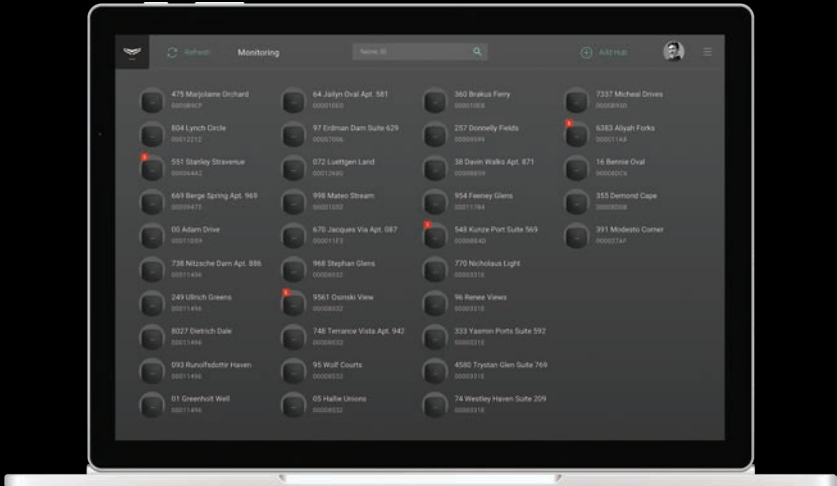


Ajax PRO

All-in-one desktop application for administering security systems and advanced alarm monitoring.

 macOS

 Windows

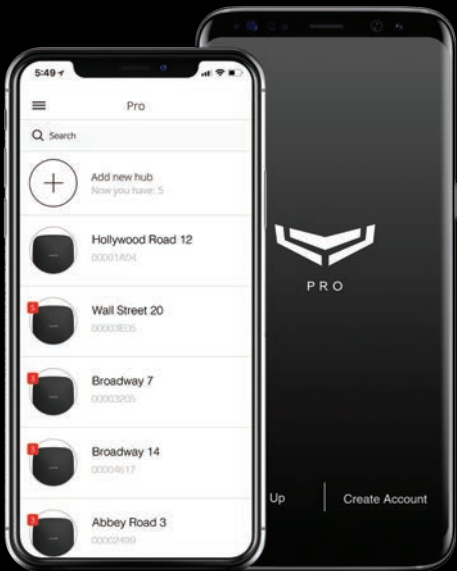


Ajax PRO: Tool for Engineers

Mobile application for administering security systems on the fly.

 AppStore

 Google Play

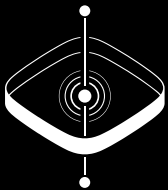


Connecting Monitoring

Over 1,200 alarm response companies around the world are processing Ajax security system alerts. And this number constantly grows. The system can be connected to most of the central monitoring stations (CMS) directly or/and via Ajax Cloud.

- SIA and Sur-Gard (Contact ID) support
- Direct connection or/and via Ajax Cloud
- Confirmed alarms
- Delivery of photo confirmations of the MotionCam alarm signals to Manitou or SBN CMS software

Enterprise API



An interface for Ajax integration into third-party apps and services.

Using our API, security and service companies can control Ajax security systems through their services or applications and configure the interaction of our devices with third-party equipment.



Administer security systems using third-party software



Build integrated security services and automation solutions based on our products



Integrate Ajax into an existing IT infrastructure, billing and CRM systems

Products



Control panels



Indoor security



Outdoor security



Fire prevention



Flood prevention



Sirens



Automation



Controls



Integrations



Hubs

Intelligent control panels

The hub manages all devices within the security system. It notifies users and an alarm response company about any threats instantly. The use of two-way communication allows hubs to send alarm signals, configure devices remotely, and constantly monitor the system’s state.

For more information visit the product pages at www.ajax.systems/products

Hub 2

2G & Ethernet	Hub Plus	Hub
Dual SIM	Wi-Fi, 3G, 2G & Ethernet	Dual SIM
100 devices	Dual SIM	1 SIM
25 cameras	150 devices	100 devices
50 users	50 cameras	10 cameras
9 groups	99 users	50 users
up to 16 hours of battery life	25 groups	9 groups
Visual alarm verification support	up to 16 hours of battery life	up to 15 hours of battery life
	No visual alarm verification support	No visual alarm verification support



Bulletproof Protection



Real-time operating system OS Malevich



Tampering alarm



External power failure alarm or notification



Up to 16 hours of operation on the back-up batteries



Customizable ping interval: 12–300 s



Data encryption



Multi-channel communication



Resistance to cyber-attacks

Effortless Operation



Instant alarm delivery even with slow Internet connection



Two-way radio communication for testing and configuring of the connected devices



New security and automation features with automatic over the air OS updates



Multiple ways to control the system and connected devices: mobile and desktop apps, key fobs, keypads, smart buttons



Scenarios (reactions and schedules) for security and home automation



Simple Installation

1

Connect devices to the hub with the mobile app

2

Use the SmartBracket to mount the hub without disassembling it

3

Open the app to configure hub's settings

Tech Specs

- Color: white/black
- Installation: indoors
- Radio communication range: up to 2,000 m
- Alarm delivery speed: 0.15 sec
- Alarm notification types: SMS, call, push-notification
- CMS connectivity: SIA, Sur-Gard (Contact ID)
- Power supply: 110–240 V AC (12 V power supply unit is available on demand)
- Battery backup: Li-Ion 2 A·h
Up to 16 hours of operation
- Operating temperature range:
from -10°C to +40°C
- Permissible humidity: up to 75%
- Dimensions: 163×163×36 mm
- Weight
Hub/Hub Plus: 350 g
Hub 2: 362 g

Engineering Masterpiece

- Hubs are only 4 cm thick
- No excess modules or buttons
- Built-in backup battery
- Built-in dual path communicators





ReX

Intelligent radio signal range extender

ReX boosts the range of all devices in the system and establishes a reliable link between them and the hub. Hub 2 and Hub Plus support up to 5 ReX, which allows them to cover up to 35 km² and protect extra-large premises: mansions, warehouse complexes, multi-story business centers, and massive productions.

Maximum Performance

- Transmits alarms in 0.3 s
- Communicates with devices at a distance of up to 1,800 m
- Controls an autonomous sub-system of devices if connection with the hub is lost

Bulletproof Protection



Real-time operating system OS Malevich



Tampering alarm



Data encryption



External power failure notification



Up to 35 hours of operation on the back-up batteries



Resistance to cyber attacks



Customizable ping interval: 12–300 s



Device forgery prevention

Simple Installation



Use the QR code to connect the device to the hub



Use the SmartBracket to mount the device without disassembling it



Open the app to test radio signal quality and configure device settings



Select the devices that will operate via range extender

Tech Specs

- Color: white/black
- Installation: indoors
- Compatibility: Hub, Hub Plus, Hub 2 (no MotionCam support)
- Radio communication range with devices: up to 1,800 m
- Alarm delivery speed: 0.3 s
- Maximum connected devices (in a system with one range extender)
Hub, Hub 2 — 99
Hub Plus — 149
- Max number of connected ReX per hub*
Hub — 1
Hub Plus, Hub 2 — 5
- Power supply: 110–240 V AC
- Battery backup: Li-Ion 2 A·h
Up to 35 hours of operation from the pre-installed back-up battery
- Operating temperature range: from -10°C to +40°C
- Permissible humidity: up to 75%
- Dimensions: 163×163×36 mm
- Weight: 330 g

*ReX can only be directly connected to the hub. ReX cannot be connected to another ReX.





MotionCam

Wireless motion detector with visual alarm verification and pet immunity

Wireless motion detector with a photo camera enable users and ARC to quickly see what caused an alarm. To ensure privacy, pictures are taken only when alarm is triggered.

Maximum Performance

- Communicates alarms and photos at a distance of up to 1,700 m from the hub
- Uses two separate radio protocols for parallel data transmission: Jeweller and Wings
- Detects motion at a distance of up to 12 m
- Delivers an alarm signal within 0.15 s
- Delivers the first photograph in less than 9 s
- Animated sequences: 1–5 pictures per motion alarm
- Operates up to 4 years on the pre-installed batteries
- Uses IR-backlight to take pictures in the dark

Effortless Operation

- 3 adjustable sensitivity levels
- Two-way communication with the hub for testing and configuring
- Proprietary SmartDetect algorithm to prevent false alarms
- Digital temperature compensation
- Pet-immunity algorithm to ignore the pets that are less than 20 kg in weight and 50 cm in height

Simple Installation



Scan the QR code to connect the device to the hub



Use the SmartBracket to mount the device without disassembling it



Open the app to test connection quality and configure device settings

Bulletproof Protection



Tampering alarm



Data encryption



Device forgery prevention

Tech Specs

- Color: white/black
- Installation: indoors
- Recommended installation height: 2.4 m
- Radio communication range: up to 1,700 m
- Compatibility: only Hub 2
- Sensing element: PIR sensor
- Detection angle:
Horizontal — 88.5°
Vertical — 80°
- Camera view angle: 90°
- Motion detection distance: up to 12 m
- Image resolution:
160×120 / 320×240 / 640×480 px
- Pictures in a series: 1–5 pcs
- Temperature sensor: available
- Battery: 2x CR123A, pre-installed
- Battery life: up to 4 years
- Protection class: IP50
- Operating temperature range: from -10°C to +40°C
- Permissible humidity: up to 75%
- Dimensions: 135×70×60 mm
- Weight: 167 g





MotionProtect

Wireless pet immune motion detector

Wireless indoor motion detector sends an immediate alarm to the hub when it spots an intruder moving inside the protected property. An integrated pet-immunity algorithm minimizes the risk of false alarms triggered by pets.

Maximum Performance

- Communicates at a distance of up to 1,700 m from the hub
- Detects motion at a distance of up to 12 m
- Delivers an alarm signal within 0.15 s
- Operates up to 5 years on the pre-installed battery

Effortless Operation

- 3 adjustable sensitivity levels
- Proprietary SmartDetect algorithm to prevent false alarms
- Digital temperature compensation
- Two-way communication with the hub for testing and configuring
- Pet-immunity algorithm to ignore the pets that are less than 20 kg in weight and 50 cm in height

Simple Installation



Scan the QR code to connect the device to the hub



Use the SmartBracket to mount the device without disassembling it



Open the app to test connection quality and configure device settings

Bulletproof Protection



Tampering alarm



Data encryption



Device forgery prevention

MotionProtect Plus



- Uses microwave and PIR sensors to filter environmental interference
- Designed for rooms with air conditioners and fireplaces

Tech Specs

- Color: white/black
- Installation: indoors
- Recommended installation height: 2.4 m
- Radio communication range: up to 1,800 m
- Compatibility: all hubs & ReX
- Sensing element: PIR sensor
- Detection angle:
Horizontal — 88.5°
Vertical — 80°
- Motion detection distance: up to 12 m
- Temperature sensor: available
- Battery: CR123A, pre-installed
- Battery life
MotionProtect: up to 5 years
MotionProtect Plus: up to 5 years
- Protection class: IP50
- Operating temperature range: from -10°C to +40°C
- Permissible humidity: up to 75%
- Dimensions: 110×65×50 mm
- Weight: 86 g





MotionProtect Curtain

Wireless indoor narrow beam motion detector

Maximum Performance

- Communicates at a distance of up to 1,700 m from the hub
- Detects motion at a distance of up to 15 m
- Delivers an alarm signal within 0.15 sec
- Operates up to 3 years on the pre-installed battery

Effortless Operation

- 3 adjustable sensitivity levels
- Correlation signal processing to prevent false alarms
- Digital temperature compensation
- Two-way communication with the hub for testing and configuring
- Can be used in the spaces with pets

Simple Installation



Use the QR code to connect the device to the hub



Use the SmartBracket to mount the device without disassembling it



Open the app to test connection quality and configure device settings

Bulletproof Protection



Tampering alarm



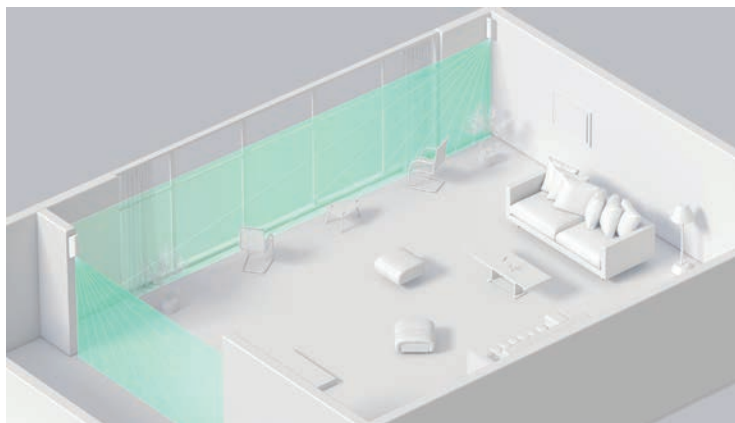
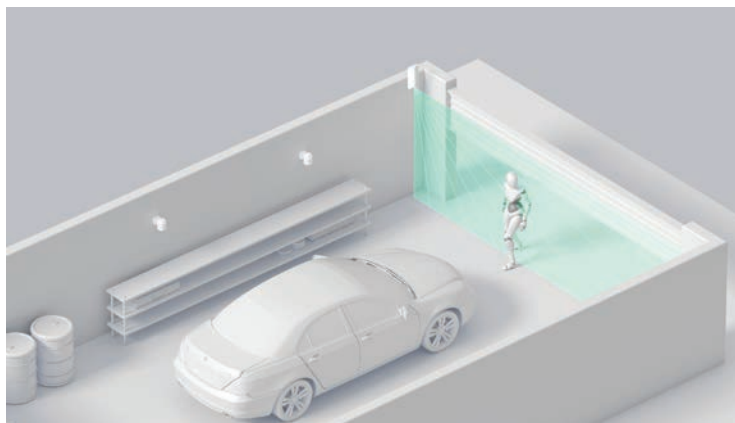
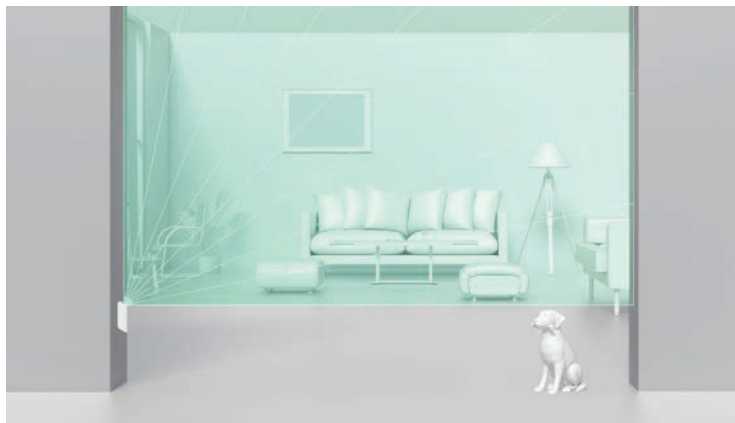
Data encryption



Device forgery prevention

Tech Specs

- Color: white/black
- Installation: indoors
- Recommended installation height: 2.4 m
- Radio communication range: up to 1,700 m
- Compatibility: all hubs & ReX
- Sensing element: two PIR sensors
- Motion detection distance: from 6 to 15 m (depending on the sensitivity level)
- Detection angles:
Horizontally — 6°
Vertically — 90°
- Temperature sensor: available
- Protection class: IP54
- Battery: CR123A, pre-installed
- Battery life: up to 3 years
- Operating temperature range: -10°C to +40°C
- Permissible humidity: up to 95%
- Dimensions: 134×44×34 mm
- Weight: 118 g





MotionProtect Outdoor

Wireless outdoor motion detector with anti-masking and pet immunity

Wireless outdoor motion detector sends an immediate alarm to the hub when it notices trespassers. Digital signal processing algorithms minimize the risk of false alarms and help the detector to ignore pets. The device operates even at extremely high or low temperatures. Its body is protected against dust and splashes.

Maximum Performance

- Communicates at a distance of up to 1,700 m from the hub
- Detects motion at a distance of 3–15 m
- Delivers an alarm signal within 0.15 s
- Operates up to 5 years on the pre-installed batteries and supports external power supply
- Uses intelligent anti-masking system to detect obstacles, paint or stickers
- Operates even at extremely high or low temperatures



Live
Intelligent
Spectrum
Analysis

Effortless Operation

- 3 adjustable sensitivity levels
- Proprietary LISA algorithm to prevent false alarms in outdoor conditions
- Digital temperature compensation
- Two-way communication with the hub for testing and configuring
- Pet-immunity algorithm to ignore the pets that are less than 80 cm in height

LISA intelligent algorithm prevents false alarms triggered by moving animals, swaying trees and plants, as well as birds and insects that land on the detector.

Simple Installation



Use the QR code to connect the device to the hub



Use the SmartBracket to mount the device without disassembling it



Open the app to test connection quality and configure device settings

Bulletproof Protection



Tampering alarm



Data encryption



Device forgery prevention

Tech Specs

- Color: white
- Installation: outdoors
- Recommended installation height: 0.8–1.3 m
- Radio communication range: up to 1,700 m
- Compatibility: all hubs & ReX
- Sensing element: two PIR sensors
- Detection angle: Horizontal — 90°
- Adjustable motion detection distance: 3–15 m
- Pet immunity:
Weight — not relevant
Height — up to 80 cm
- Anti-masking feature: available
- Temperature sensor: available
- Battery: 2x CR123A, pre-installed
- Battery life: up to 5 years
- Optional power supply: 5–28 V DC
- Protection class: IP55
- Operating temperature range: from -25°C to +60°C
- Permissible humidity: up to 95%
- Dimensions: 183×70×65 mm
- Weight: 322 g



*Hood for MotionProtect Outdoor is an accessory that protects sensors of the anti-masking system from rain and snow to prevent false alarms. Sold separately.



DoorProtect

Wireless magnetic opening detector

Maximum Performance

- Communicates at a distance of up to 1,200 m from the hub
- Delivers an alarm signal within 0.15 s
- Operates up to 7 years on the pre-installed battery
- Features an external contact for connecting third-party NC detectors

Effortless Operation

- Includes magnets of various sizes for installation on any window and door frames
- Two-way communication with the hub for testing and configuring

Simple Installation



Use the QR code to connect the device to the hub



Use the SmartBracket to mount the device without disassembling it



Open the app to test connection quality and configure device settings

Bulletproof Protection



Tampering alarm



Data encryption



Device forgery prevention

DoorProtect Plus



- Features a built-in accelerometer
- Reacts to inclination angle change, vibration, and impact
- Enables to arm the system even when windows are tilt open for ventilation
- Compatible with third-party roller shutter wired motion detectors

Tech Specs

- Color: white/black
- Installation: indoors
- Radio communication range: up to 1,200 m
- Compatibility: all hubs & ReX
- Sensing element: reed switch
- Activation thresholds:
Small magnet — 1 cm
Big magnet — 2 cm
- Temperature sensor: available
- Battery: CR123A, pre-installed
- Battery life
DoorProtect: up to 7 years
DoorProtect Plus: up to 5 years
- Protection class: IP50
- Operating temperature range: from -10°C to +40°C
- Permissible humidity: up to 75%
- Dimensions:
Diameter — 20 mm
Height — 90 mm
- Weight: 30 g





GlassProtect

Wireless glass break detector

The detector uses an electret microphone to recognize low-frequency hit sounds and high-frequency crashing sounds of glass shatters. The two-step glass break detection decreases the likelihood of false alarms.

Maximum Performance

- Communicates at a distance of up to 1,000 m from the hub
- Detects glass breaking at a distance of up to 9 m
- Delivers an alarm signal within 0.15 s
- Operates up to 7 years on the pre-installed battery
- Features an external contact for connecting third-party detectors

Effortless Operation

- 3 adjustable sensitivity levels
- Two-factor glass break detection to register high- and low-pitched sounds
- Two-way communication with the hub for testing and configuring

Simple Installation



Use the QR code to connect the device to the hub



Use the SmartBracket to mount the device without disassembling it



Open the app to test connection quality and configure device settings

Bulletproof Protection



Tampering alarm



Data encryption



Device forgery prevention

Tech Specs

- Color: white/black
- Installation: indoors
- Radio communication range: up to 1,000 m
- Compatibility: all hubs & ReX
- Sensing element: electret microphone
- Microphone coverage angle: 180°
- Glass break detection distance: up to 9 m
- Temperature sensor: available
- Battery: CR123A, pre-installed
- Battery life: up to 7 years
- Protection class: IP50
- Operating temperature range: from -10°C to +40°C
- Permissible humidity: up to 75%
- Dimensions:
Diameter — 20 mm
Height — 90 mm
- Weight: 30 g





CombiProtect

Wireless motion and glass break detector with pet immunity

Maximum Performance

- Communicates at a distance of up to 1,200 m from the hub
- Detects motion at a distance of up to 12 m
- Detects glass breaking at a distance of up to 9 m
- Delivers an alarm signal within 0.15 s
- Operates up to 5 years on the pre-installed battery

Effortless Operation

- 3 adjustable sensitivity levels for motion and glass break detection
- Uses SmartDetect algorithm to process alarms digitally and filter false alarms
- Digital temperature compensation
- Pet-immunity algorithm to ignore the pets that are less than 20 kg in weight and 50 cm in height
- Two-factor glass break detection to register high- and low-pitched sounds
- Two-way communication with the hub for testing and configuring

Simple Installation



Use the QR code to connect the device to the hub



Use the SmartBracket to mount the device without disassembling it



Open the app to test connection quality and configure device settings

Bulletproof Protection



Tampering alarm



Data encryption



Device forgery prevention

Tech Specs

- Color: white/black
- Installation: indoors
- Recommended installation height: 2.4 m
- Radio communication range: up to 1,200 m
- Compatibility: all hubs & ReX
- Sensing elements: PIR sensor (movement), electret microphone (glass break)
- Motion detection angles:
Horizontal — 88.5°
Vertical — 80°
- Motion detection distance: up to 12 m
- Glass break detection angle: 180°
- Glass break detection distance: up to 9 m
- Pet immunity:
Weight — up to 20 kg
Height — up to 50 cm
- Temperature sensor: available
- Battery: CR123A, pre-installed
- Battery life: up to 5 years
- Protection class: IP50
- Operating temperature range: from -10°C to +40°C
- Permissible humidity: up to 75%
- Dimensions: 110×65×50 mm
- Weight: 92 g





Button

Wireless panic button / remote control for scenarios

In case of emergency, Button can instantly alert an alarm response company and system users about danger. Alternative control mode enables to control lights, home appliances, roller shutters, locks, and gates.

Maximum Performance

- Communicates at a distance of up to 1,300 m from the hub
- Delivers a command to the hub within 0.15 s
- Command delivery indication with a LED-light
- Panic button mode for emergency situations
- Control mode for running scenarios manually
- Operates up to 5 years on the pre-installed battery

Easy to Use



Use panic button mode to call for help in one click



Use control mode to run scenarios manually and manage electrical appliances



Set Button to react only on double-click or long-press to avoid accidental alarms

Bulletproof Protection



Data encryption



Device forgery prevention



Protected from dust and splash

Tech Specs

- Color: white/black
- Radio communication range: up to 1,300 m
- Number of buttons: 1
- False alarm prevention: available in the panic mode
- Compatibility: all hubs & ReX
- Protection class: IP55
- Battery: CR2032, pre-installed
- Battery life: up to 5 years
- Operating temperature range: from -10°C to +40°C
- Permissible humidity: up to 75%
- Dimensions: 47×35×13 mm
- Weight: 16 g





Keypad

Two-way wireless keypad

Wireless stationary control device allows to use numerical passcodes to arm and disarm Ajax security system, activate Night mode, and raise a silent alarm in case of emergency. The device can be mounted by the entry door to provide quick system control.

Maximum Performance

- Communicates at a distance of up to 1,700 m from the hub
- Arms and disarms the entire security system or certain groups, activates the Night mode
- Allows to assign personal passcodes to each user
- Features duress code protection to raise a silent alarm in case users are forced to disarm the system
- Operates up to 2 years on the pre-installed batteries

Effortless Operation

- Numbers light up when the device is touched
- Visual command delivery confirmation
- Two-way communication with the hub for testing and configuring

Simple Installation



Use the QR code to connect the device to the hub



Use the SmartBracket to mount the device on a wall without disassembling it



Open the app to test connection quality and configure device settings

Bulletproof Protection



Tampering alarm



Encrypted communication



Device forgery prevention



Resistant to brute force password attacks

Tech Specs

- Color: white/black
- Device type: wireless
- Installation: indoors
- Radio communication range: up to 1,700 m
- Compatibility: all hubs & ReX
- Temperature sensor: available
- Duress code: yes
- Protection against password attack: yes
- Battery: 4x AAA, pre-installed
- Battery life: up to 2 years
- Operating temperature range: from -10°C to +40°C
- Permissible humidity: up to 75%
- Dimensions: 150×103×14 mm
- Weight: 197 g



SpaceControl

Two-way wireless key fob with panic button

A key fob allows to quickly arm/disarm the security system, activate the Night mode for partial property protection, or notify other users and an alarm response company about an emergency.

Maximum Performance

- Communicates at a distance of up to 1,300 m from the hub
- Delivers a command to the hub within 0.15 s
- Command delivery indication with a LED-light
- Operates up to 5 years on the pre-installed battery

Easy to Use

- Large buttons for arming/disarming and activating the Night mode
- Panic button to call for help in emergency situations

Tech Specs

- Color: white/black
- Device type: wireless
- Compatibility: all hubs & ReX
- Number of buttons: 4
- Radio communication range: up to 1,300 m
- Battery: CR2032, pre-installed
- Battery life: up to 5 years
- Operating temperature range: from -25°C to +50°C
- Permissible humidity: up to 95%
- Dimensions: 65×37×10 mm
- Weight: 13 g

Bulletproof Protection



Encrypted communication



Device forgery prevention



HomeSiren

Wireless indoor siren

Wireless indoor siren generates up to 105 dB at a distance of 1 m to deter burglars and attract the attention of neighbors in case of unauthorized trespassing. An inbuilt LED light and beeps indicate the system status. Moreover, the siren can power an external LED installed at the front door to warn that the property is armed.

Maximum Performance

- Communicates at a distance of up to 2,000 m from the hub
- Indicates armed/disarmed states and low battery charge using a built-in LED
- Generates an audible warning if *delay when entering/leaving* mode is activated
- Indicates with sound and light when system's status changes if *beep when arming/disarming mode* is activated
- Features an external connector for powering a LED
- Operates up to 5 years on the pre-installed batteries

Effortless Operation

- Adjustable sound level and alarm duration
- Two-way communication with the hub for testing and configuring

Simple Installation



Use the QR code to connect the device to the hub



Use the SmartBracket to mount the device without disassembling it



Open the app to test connection quality and configure device settings

Bulletproof Protection



Tampering alarm



Data encryption



Device forgery prevention

Tech Specs

- Color: white/black
- Installation: indoors
- Radio communication range: up to 2,000 m
- Compatibility: all hubs & ReX
- Adjustable sound volume level: 81–105 dB at a distance of 1 m
- Adjustable alarm duration: 3–180 s
- Temperature sensor: available
- Battery: 2x CR123A, pre-installed
- Battery life: up to 5 years
- Protection class of body: IP50
- Operating temperature range: from -10°C to +40°C
- Permissible humidity: up to 75%
- Dimensions: 150×103×14 mm
- Weight: 197 g



StreetSiren

Wireless outdoor siren

Wireless outdoor siren generates up to 113 dB at a distance of 1 m to deter burglars and attract the attention of neighbors in case of unauthorized trespassing. An inbuilt LED light and beeps indicate the system status. StreetSiren operates on the pre-installed batteries but can be connected to a low current power supply, as well.

Maximum Performance

- Communicates at a distance of up to 1,500 m from the hub
- Operates even at extremely high or low temperatures
- Indicates armed/disarmed states and low battery charge using a built-in LED
- Generates an audible warning if *delay when entering/leaving* mode is activated
- Indicates with sound and light when system's status changes if *beep when arming/disarming* mode is activated
- Operates up to 5 years on the pre-installed batteries and supports external power supply

Effortless Operation

- Adjustable sound level and alarm duration
- Two-way communication with the hub for testing and configuring
- Resists dust, hail and rain drops

Simple Installation



Use the QR code to connect the device to the hub



Use the SmartBracket to mount the device without disassembling it



Open the app to test connection quality and configure device settings

Bulletproof Protection



Tampering and accelerometer alarm



Data encryption



Device forgery prevention

Tech Specs

- Color: white/black
- Radio communication range: up to 1,500 m
- Compatibility: all hubs & ReX
- Type of indication: sound/light
- Adjustable sound volume level: 81–113 dB at a distance of 1 m
- Adjustable alarm duration: 3–180 s
- Battery: 4x CR123A, pre-installed
- Battery life: up to 5 years
- Optional supply: 12 V, 1.5 A DC
- Protection class: IP54
- Operating temperature range: from -25°C to +50°C
- Permissible humidity: up to 95%
- Dimensions: 200×200×51 mm
- Weight: 528 g



FireProtect

Wireless smoke and heat detector with sounder

Wireless fire detector quickly detects smoke and sharp jumps in temperature to raise an alert in case of danger. A built-in siren generates 85 dB at a distance of 1 m to warn those who are nearby.

Maximum Performance

- Communicates at a distance of up to 1,300 m from the hub
- Delivers an alarm signal within 0.15 s
- Interconnected alarms feature to simultaneously activate sirens in all the fire detectors within the system
- Operates up to 4 years on the pre-installed batteries

Effortless Operation

- Always on, always ready to detect fire and smoke
- False-alarm prevention algorithms
- Features options for manual and automatic smoke chamber checks
- Two-way communication with the hub for testing and configuring
- Can operate independently from hub, notifying of danger with a built-in siren

Simple Installation



Use the QR code to connect the device to the hub



Use the SmartBracket to mount the device without disassembling it



Open the app to test connection quality and configure device settings

Bulletproof Protection



Tampering alarm



Data encryption



Device forgery prevention

FireProtect Plus



- Features an additional CO sensor
- Alerts about the dangerous level of carbon monoxide to prevent poisoning

Tech Specs

- Color: white/black
- Installation: indoors
- Radio communication range: up to 1,300 m
- Compatibility: all hubs & ReX
- Sensing element: photoelectric and temperature sensors
- Activation threshold: $+59^{\circ}\text{C} \pm 2^{\circ}\text{C}$, or if the temperature rises by 30° in under 30 minutes
- Type of indication: sound/light
- Built-in siren volume: 85 dB
- Main power supply: two CR2 batteries, pre-installed
- Backup battery: CR2032, pre-installed
- Battery life: up to 4 years
- Operating temperature range: from 0°C to $+65^{\circ}\text{C}$
- Permissible humidity: up to 80%
- Dimensions: $132 \times 132 \times 31$ mm
- Weight: 220 g





LeaksProtect

Wireless flood detector

The detector is vigilant 24/7. If water touches even one of the four pairs of contacts, LeaksProtect sends hub an alarm. Moreover, when the area dries out, it registers the situation and automatically cancels the alarm.

Maximum Performance

- Communicates at a distance of up to 1,300 m from the hub
- Delivers an alarm signal within 0.15 s
- Operates up to 5 years on the pre-installed batteries

Effortless Operation

- Always on, always ready to detect flooding
- Two-way communication with the hub for testing and configuring

Simple Installation



Use the QR code to connect the device to the hub



Place on the floor in the areas of potential water leakage



Open the app to test connection quality and configure device settings

Tech Specs

- Color: white/black
- Installation: indoors
- Compatibility: all hubs & ReX
- Radio communication range: up to 1,300 m
- Battery: 2x AAA, pre-installed
- Temperature sensor: available
- Protection class: IP65
- Battery life: up to 5 years
- Operating temperature range: from 0°C to +50°C
- Permissible humidity: up to 100%
- Dimensions: 56×56×14 mm
- Weight: 40 g

Bulletproof Protection



Tampering alarm



Data encryption



Device forgery prevention



Socket

Wireless smart plug with energy monitor

Wireless smart plug helps to control electric appliances remotely with an Ajax app. It monitors electric power consumption, protects devices from power surges, executes automation scenarios.

Tech Specs

- Color: white/black
- Installation: indoors
- Compatibility: all hubs & ReX
- Radio communication range: up to 1,000 m
- Actuating element: electromagnetic relay
- Relay service life: 200,000 switch-ons
- Voltage and type of external power supply: 230 V $\pm 10\%$ AC 50 Hz
- Voltage protection for 230 V mains: available, 184–253 V
- Permissible power: up to 2.5 kW
- Maximum load current: 11 A (continuous), 13 A (up to 5 s)
- Maximum temperature protection: +85°C, the socket turns off automatically if the temperature is exceeded
- Energy consumption parameter check: current, voltage, power consumption
- Load indicator: available, LED
- Protection class: IP20
- Operating temperature range: from 0°C to +40°C
- Permissible humidity: up to 75%
- Dimensions: 66x45x45 mm
- Weight: 58 g

Maximum Performance

- Communicates at a distance of up to 1,000 m from the hub
- Monitors electric power consumption
- Protects electric devices from voltage spikes
- Executes automation scenarios

Simple Installation



Use the QR code to connect the device to the hub



Plug the device into a socket or a power strip



Open the app to test connection quality, create scenarios, and configure device settings

Effortless Operation

- Notifications about power outages, overvoltage, and overheating
- Dynamic load level color indication
- Two-way communication with the hub for testing and configuring

Bulletproof Protection



Device forgery prevention



Encrypted communication



WallSwitch

Wireless power relay with energy monitor

Wireless power relay helps to control electric appliances remotely with an Ajax app. It monitors electric power consumption, protects devices from power surges, and executes automation scenarios.

Maximum Performance

- Communicates at a distance of up to 1,000 m from the hub
- Monitors electric power consumption
- Protects electric devices from voltage spikes
- Executes automation scenarios
- Compact body size allows for inconspicuous installation

Effortless Operation

- Notifies about power outages, overvoltage, and overheating
- Settings are restored automatically in case of power failure
- Two-way communication with the hub for testing and configuring

Simple Installation



Use the QR code to connect the device to the hub



Install the device directly into an outlet wall plate or a 230 V circuit



Open the app to test connection quality, create scenarios, and configure device settings

Bulletproof Protection



Device forgery prevention



Encrypted communication

Tech Specs

- Compatibility: all hubs & ReX
- Radio communication range: up to 1,000 m
- Actuating element: electromagnetic relay
- Relay service life: 200,000 switch-ons
- Voltage protection:
For 230 V mains: min — 161 V, max — 264 V
For 110 V mains: min — 77 V, max — 126 V
- Maximum load current: 13 A
- Maximum temperature protection:
>+65°C in the wall plate
- Permissible power:
resistive load at 230 V — up to 3 kW
resistive load at 110 V — up to 1.5 kW
- Energy consumption parameter check:
current, voltage, power consumption
- Power supply: 110–230 V $\pm 10\%$ 50/60 Hz
- Protection class of body: IP20
- Operating temperature range:
from 0°C to +64°C
- Permissible humidity: up to 75%
- Dimensions: 39×33×18 mm
- Weight: 30 g



Relay

Wireless low-current dry contact relay

Wireless dry contact relay helps to control low current equipment remotely with an Ajax app. It features an additional pulse equipment control function and executes automation scenarios.

Maximum Performance

- Communicates at a distance of up to 1,000 m from the hub
- Features a pulse equipment control function
- Executes automation scenarios
- Compact body size allows for inconspicuous installation

Effortless Operation

- Switches off automatically in response to voltage surge and overheating
- Settings are restored automatically in case of power failure
- Two-way communication with the hub for testing and configuring

Simple Installation



Use the QR code to connect the device to the hub



Open the app to test connection quality, create scenarios, and configure device settings



Install the device inside connection boxes, electrical service panels, or housings of the electrical switchboards

Bulletproof Protection



Device forgery prevention



Encrypted communication

Tech Specs

- Compatibility: all hubs & ReX
- Radio communication range: up to 1,000 m
- Power supply: 7–24 V (DC only)
- Relay service life: 200,000 switch-ons
- Voltage protection: min — 6.5 V, max — 36.5 V
- Maximum load current: 5 A at 36 V DC, 13 A at 230 V AC
- Maximum temperature protection: >+65°C at the place of installation
- Protection class of body: IP20
- Operating temperature range: from 0°C to +64°C
- Permissible humidity: up to 75%
- Dimensions: 39×33×18 mm
- Weight: 25 g



Transmitter

Module for third-party detector integration

Wireless module for connecting third-party detectors (i.e. IR barriers, liquid level detectors, gas detectors, and thermal relays) to the Ajax security system.

Maximum Performance

- Communicates at a distance of up to 1,600 m from the hub
- Compatible with detectors featuring NC/NO outputs
- Delivers an alarm signal within 0.15 s
- Operates up to 5 years on the pre-installed batteries
- Provides 3.3 V power supply for connected device

Simple Installation



Use the QR code to connect the device to the hub



Open the app to test connection quality and configure device settings



Install the device into the detector's body or a mounting box

Bulletproof Protection



Tampering and accelerometer alarm



Data encryption



Device forgery prevention

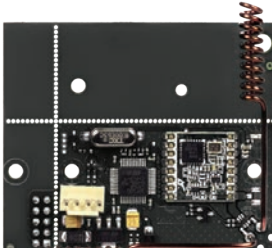
Effortless Operation

- Suitable for indoor and outdoor operation
- Indicates battery level in the app
- Two-way communication with the hub for testing and configuring

Tech Specs

- Installation: indoors/outdoors
- Compatibility: all hubs & ReX
- Radio communication range: up to 1,600 m
- Alarm input: 1
- Tamper input: 1
- Battery: 3x CR123A batteries, pre-installed
- Detector contact type: NO/NC
- Terminals: power supply (+/-), alarm, tamper
- Power supply output: 3.3 V
- Battery life: up to 5 years
- Operating temperature range: from -25°C to +50°C
- Permissible humidity: up to 75%
- Dimensions: 100×39×22 mm
- Weight: 74 g





uartBridge

Module for integrating Ajax devices into third-party systems

Maximum Performance

- Sends detailed information about connected devices and alarms via UART interface
- Supports arming and disarming capability
- Allows implementing own solutions for smart home systems

Bulletproof Protection



Data encryption



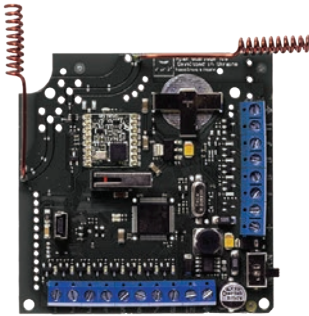
Device forgery prevention

Tech Specs

- Compatibility: wired security systems and smart home systems
- Interface: UART
- Max number of devices: 85
- Power supply voltage: 5 V DC
- Operating temperature range: from -10°C to +40°C
- Permissible humidity: up to 90%
- Dimensions: 64x55x13 mm
- Weight: 32 g

Supported devices

- MotionProtect
- MotionProtect Plus
- CombiProtect
- DoorProtect
- FireProtect
- FireProtect Plus
- LeaksProtect
- SpaceControl
- GlassProtect



ocBridge Plus

Module for integrating Ajax devices into wired and hybrid security systems

Maximum Performance

- Alarms and events are transmitted via dry contacts
- Pulse and bistable operation modes
- A dedicated PC app for configuring

Bulletproof Protection



Data encryption



Tampering alarm



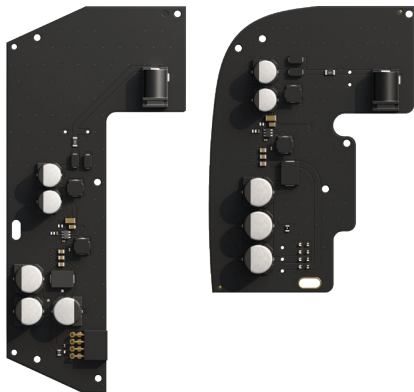
Device forgery prevention

Tech Specs

- Compatibility: wired and hybrid security systems
- Number of security areas: 8
- Number of service areas: 4
- Contacts: NO/NC, EOL, 2EOL
- Max number of devices: 99
- Power supply: terminals +/-ground
- Power supply voltage:
8–14 V DC
miniUSB – 5 V (only for set up)
- Operating temperature range:
from -10°C to +40°C
- Permissible humidity: up to 90%
- Dimensions: 95x92x18 mm
- Weight: 139 g

Supported devices

- MotionProtect
- MotionProtect Plus
- CombiProtect
- DoorProtect
- FireProtect
- FireProtect Plus
- LeaksProtect
- SpaceControl
- GlassProtect



12V PSU

Alternative power supply unit for the central panel

The 12 V power supply unit allows connecting control panels, including radio signal range extenders, to low-voltage power sources or external backup batteries.

Tech Specs

- Input: 8–20 V DC
- Output:
12V PSU for Hub/Hub Plus/ReX — 4.65 V $\pm 3\%$
12V PSU for Hub 2 — 4.65 V $\pm 3\%$
- Switch-on voltage: 8 V $\pm 2.5\%$
- Switch-off voltage: 6.9–7.5 V (depending on load)
- Max Input current: 1 A
- Output current: 1.5 A
- Socket: 6.5x2 mm
- Plug: 5.5x2.1 mm (power jack)
- Dimensions:
12V PSU for Hub/Hub Plus/ReX — 138x64x13 mm
12V PSU for Hub 2 — 98x70x17 mm
- Weight:
12V PSU for Hub/Hub Plus/ReX — 30 g
12V PSU for Hub 2 — 28 g



Upcoming Products



MultiTransmitter



Hub 2 Plus



StreetSiren DoubleDeck



Hubs 2 Plus

Hub 2 Plus is an advanced security system control panel that establishes continuous communication with alarm monitoring companies and users via 4 independent channels. Hub 2 Plus can manage up to 200 security devices and deliver photo confirmations of alarms from MotionCam detectors in just 9 seconds — even when it uses SIM cards for communication. Thanks to LTE support. It can manage 25 security groups with a total number of 200 users. This allows security personnel to divide large premises into zones and clearly organize staff access.

	Hub 2 Plus	Hub 2	Hub Plus
Devices	200	100	150
Users	200	50	99
Cameras & DVRs	100	25	50
Scenarios	64	32	64
Range extenders	5	5	5
Groups	25	9	25
Visual alarm verification support	Yes	Yes	No
Battery backup	Li-Ion 3 A·h Up to 15 hours of operating	Li-Ion 2 A·h Up to 16 hours of operating	Li-Ion 2 A·h Up to 16 hours of operating
Communication channels	2x SIM 4G/3G/2G Ethernet Wi-Fi	2x SIM 2G Ethernet	2x SIM 3G/2G Ethernet Wi-Fi



MultiTransmitter

MultiTransmitter is an integration module that merges wired security devices into a modern security system controlled from a smartphone. It features 18 wired zones for connecting third-party detectors to the Ajax security system: infrared barriers, gas and water level detectors, fire detectors, etc. Using Ajax apps, engineers can configure connected devices to delay alarms when entering/leaving, operate 24/7, activate sirens, or trigger scenarios. MultiTransmitter runs on 110–240 V AC or 12 V DC. Additionally, it can supply 12 V power to connected detectors.

	MultiTransmitter	Transmitter
Alarm / tamper input	18 alarm and/or tamper inputs	1 tamper, 1 alarm input
Power supply output	12 V DC	3.3 V DC
Power supply	110-240 V AC, 50/60 Hz 12 V DC	3x CR123A batteries, 3 V
Detector contact types	NO, NC (no R) EOL (NC with R) EOL (NO with R)	NO, NC

Tech Specs

- Compatibility: all hubs and ReX
- Terminals: power supply (+/-), alarm, tamper
- Detector contact types: NO, NC (no R)
EOL (NC with R)
EOL (NO with R)
- Number of alarm/tamper areas: 18
- Power supply: 110-240 V AC 50/60 Hz
Backup: 12 V DC (battery not included)
- Power supply output: 12 V DC up to 1 A
- Weight: 805 g
- Jeweller radio technology: 868.0–868.6 MHz depends on region
- Anti-sabotage: Device forgery prevention
Jamming detection
Anti-tamper
- Dimensions: 196×238×100 mm



StreetSiren DoubleDeck with Brandplate

StreetSiren DoubleDeck is an outdoor siren that enables security service providers to print their logo and contact details on the Brandplate for display.

Tech Specs

- Adjustable sound notification volume: 85 dB to 113 dB at a distance of 1 m
- Adjustable alarm duration: 3–180 s
- Jeweller radio technology: 868.0–868.6 MHz depends on region
- Battery: 4xCR123A, pre-installed Up to 5 years of battery life
- Optional supply: 12 V, 1.5 A DC
- Protection class: IP54
- Anti-sabotage:
 - Device forgery prevention
 - Jamming detection
 - Tampering alarm
 - Accelerometer alarm
- Operating temperature range: from -25°C to +60°C
- Operating humidity: up to 95%
- Dimensions: 200×200×55 mm
- Weight: 571 g
- Color: black/white

Looks distinct, sounds alike

StreetSiren DoubleDeck looks different from the original model. But it has the same features under the hood. The new siren generates a sound of up to 113 dB, uses an accelerometer to detect removal attempts, operates up to 5 years on pre-installed batteries, and can be powered from a 12 V DC supply.



StreetSiren DoubleDeck
with Brandplate



When security is art

Learn more at
www.ajax.systems