# MotionProtect Jeweller user manual

Updated April 4, 2025

**MotionProtect Jeweller** is a wireless indoor motion detector that monitors the area within a 12-meter radius. MotionProtect ignores animals, while recognizing a human from the first step. The calculated battery life of the detector is up to 5 years from a built-in battery.

MotionProtect operates within the Ajax system, connected to the **hub** via the protected **Jeweller** protocol. The communication range is up to 1,700 meters in the line of sight. In addition, the detector can be used as a part of third-party security central units* via the **uartBridge*** or **ocBridge Plus*** integration modules.

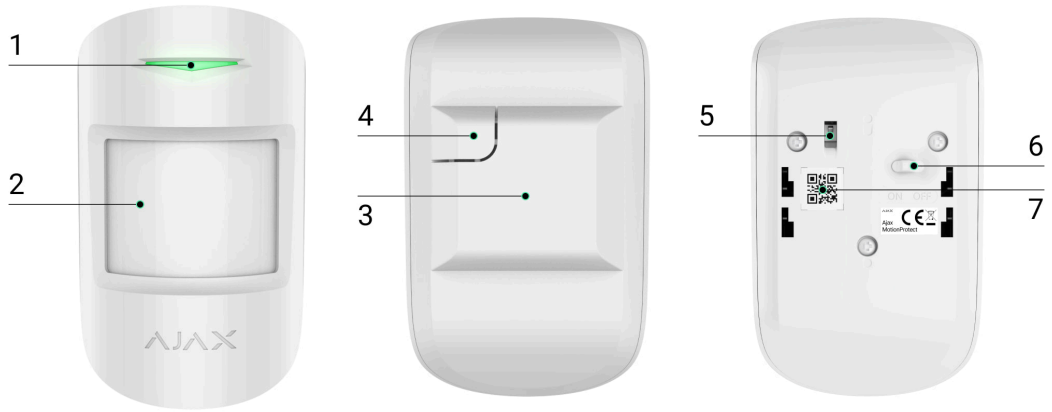
Only Hub 2 Plus Jeweller and Hub 2 (4G) Jeweller are certified according to UL/ULC standards.

The detector is set up via the **Ajax app** for iOS, Android, macOS and Windows. The system notifies users of all events through push notifications, SMS and calls (if activated).

** Not evaluated by UL.*

**Buy MotionProtect Jeweller**

## Functional elements




1. LED indicator.
2. Motion detector lens.
3. SmartBracket mounting panel. To remove the panel, slide it down.
4. Perforated part of the mounting panel. Necessary to trigger a tamper in case of any attempt to detach the detector from the surface. Do not break it off.
5. **Tamper button**. Triggers when an attempt is made to detach the detector from the surface or remove it from the mounting panel.
6. Device switch.
7. Detector QR code. Is used to connect the device to the Ajax system.

## Operating principle

0:00 / 0:12

**MotionProtect Jeweller** is a wireless motion detector. The detector can identify intrusions by detecting moving objects with temperatures close to the human body using IR sensors.

When an armed detector identifies motion, it instantly sends an alarm to the hub, activating the sirens connected to the system, triggering scenarios, and notifying users and the security company. All MotionProtect alarms and events are recorded in the event feed of the Ajax apps.

Users know where motion is detected. The notifications contain the name of the hub (protected facility), the name of the device, and the virtual room to which the detector is assigned.

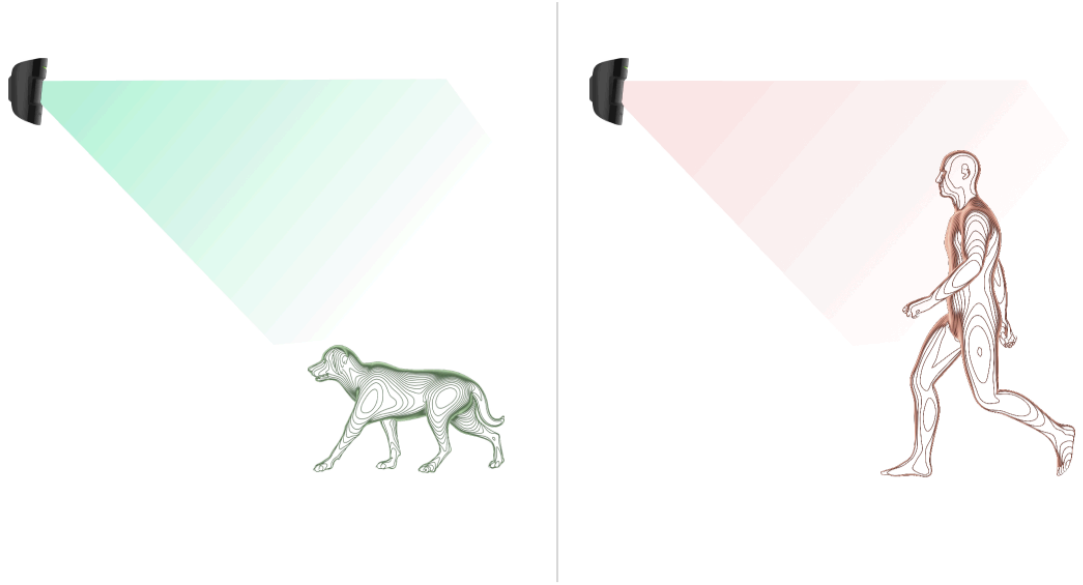
How Ajax notifies users of alerts

More about Ajax motion detectors

The detector doesn't arm instantly. The time it takes to switch to armed mode depends on exit delays (specified in the detector settings) and the hub–detector polling interval (**Jeweller** or **Jeweller/Fibra** settings, the default value is 36 seconds). In the first case, the delay is set by an administrator or a PRO-user with administrator rights. In the second case, the delay occurs because the hub takes one ping interval to notify the detector about the transition to armed mode.

## Pet immunity

When properly installed and configured, MotionProtect does not react to animals up to 50 centimetres tall and weighing up to 20 kilograms.



The detector must be installed at 2.4 meters without obstruction to its view. For example, in a corner where the view will not be blocked by a closet or other furniture on which a pet can climb.

It is also important to set the proper sensitivity in the **detector settings**:

- **High** — the detector does not react to cats (up to 25 cm tall).
- **Medium** — it does not react to small dogs (up to 35 cm tall).
- **Low** — it does not react to animals up to 50 cm tall.

When indoor motion detectors are installed below the recommended height, animals move in the hypersensitive zone. The detector can raise the alarm if a shepherd walks on its hind legs or even a tiny spaniel plays on a chair. The detector will also raise the alarm if the animal can jump to the level of MotionProtect or move near it.

**Why detectors react to animals and how to avoid this**

How to install MotionProtect correctly

## Temperature compensation

The detector perceives people and other objects as heat spots. The device monitors these heat spots and, if they move, detects an alarm. MotionProtect reacts to the movement of heat spots whose temperature is close to the human body.

When the ambient temperature is about the temperature of the human body, the correct operation of the detector is not guaranteed unless temperature compensation is applied. It is used in all Ajax motion detectors. MotionProtect recognizes motion across the entire operating temperature range with temperature compensation.

Learn more

## Sending events to the monitoring station

The Ajax system can transmit alarms to the **PRO Desktop** monitoring app as well as the central monitoring station (CMS) in the formats of the **Sur-Gard protocol (Contact ID)**, **SIA (DC-09)**, **ADEMCO 685**, and other proprietary protocols. A complete list of supported protocols is **available by the link**.

Which CMSs can the Ajax system be connected to

**MotionProtect can transmit the following events:**

1. Motion alarm.
2. Tamper alarm / restoration.
3. Loss / restoration of connection with the hub or radio signal range extender.
4. Deactivation / activation of the detector.

5. Unsuccessful attempt to arm the security system (when **System Integrity Check** is enabled).

When an alarm is received, the security company monitoring station operator knows what happened and precisely where to send a fast response team on the site. The addressability of Ajax devices allows sending events to the PRO Desktop or the CMS the type of the device, its name, security group, and virtual room. Note that the list of transmitted parameters may differ depending on the kind of CMS and the selected protocol for communication with the monitoring station.

> The device ID and the loop (zone) number can be found in device states in the Ajax app.

## Connecting to the security system

## Before adding a device

1. Install the **Ajax app**.
2. Log in to your **account** or create a new one.
3. Select a space or create a new one.

**What is a space**

**How to create a space**

> The **space** functionality is available for apps of such versions or later:
>
> - Ajax Security System 3.0 for iOS;
> - Ajax Security System 3.0 for Android;
> - Ajax PRO: Tool for Engineers 2.0 for iOS;

- Ajax PRO: Tool for Engineers 2.0 for Android;
- Ajax PRO Desktop 4.0 for macOS;
- Ajax PRO Desktop 4.0 for Windows.

4. Add at least one **virtual room**.
5. Add a **compatible hub** to the space. Ensure the hub is switched on and has internet access via Ethernet, Wi-Fi, and/or mobile network.

> Only Hub 2 Plus Jeweller and Hub 2 (4G) Jeweller are certified according to UL/ULC standards.

6. Ensure the space is disarmed, and the hub is not starting an update by checking statuses in the Ajax app.

> Only a PRO or a space admin with the rights to configure the system can add a device to the hub.

Types of accounts and their rights

## Connecting to the hub

1. Open the Ajax app. If you have access to multiple hubs or using the PRO app, select the hub where you want to add the detector.
2. Go to the **Devices** tab and click **Add Device**.
3. Name the detector, scan or type in the QR code (placed on the detector and the package box), and select a room and a group (if **Group mode** is enabled).

4. Press **Add**.

5. Switch on the device.

If the connection fails, turn the detector off and try again in 5 seconds. Note that if the maximum number of devices has already been added to the hub (**depending on the hub model**), you will be notified when you try to add a new one.

To connect MotionProtect to the hub, the detector must be located at the same facility as the system (within the hub radio signal range). For the detector to work via the radio signal range extender, you need first add the detector and range extender to the hub, then connect it to the range extender.

The detector connected to the hub will appear in the list of hub devices in the Ajax app. Updating the statuses of devices in the list depends on the **Jeweller** or **Jeweller/Fibra** settings; the default value is 36 seconds.

The hub and the device operating at different radio frequencies are incompatible. The radio-frequency range of the device may vary by region. We recommend purchasing and using Ajax devices in the same region. You can check the range of operating radio frequencies with the technical support service

MotionProtect works with one hub. When connected to a new hub, the detector stops sending events to the old one. When added to a new hub, the detector is not removed from the device list of the old hub. This must be done through the Ajax app.

## Connecting to third party security systems

To connect the detector to a third party security central unit with the **uartBridge*** or **ocBridge Plus*** integration module, follow the recommendations in the manuals of these devices.

** Not evaluated by UL.*

## Malfunctions

When a malfunction is detected (for example, there is no connection via Jeweller), the Ajax app displays a malfunction counter on the device icon. All malfunctions are shown in the detector states. Fields with malfunctions will be highlighted in red.

**A malfunction is displayed if:**

- The detector temperature is out of acceptable limits: below –10°C and above +40°C.
- The detector enclosure is open (tamper is triggered).
- No connection with the hub or radio signal range extender via Jeweller.
- The detector battery is low.

## Icons

The icons display some of the MotionProtect states. You can view them in the Ajax app in the **Devices** tab. To access them:

1. Sign in to the Ajax app.
2. Select the hub if you have several of them or using a PRO app.
3. Go to the **Devices** tab.

| Icon | Meaning |
|---|---|
| | Jeweller signal strength. Displays the signal strength between the detector and hub or range extender. The recommended value is 2 or 3 bars.<br><br>Learn more |
| | The detector battery charge level.<br><br>Learn more |
| RE | The detector is operating via a radio signal range extender. |
| 24 | The detector operates in the **Always active** mode.<br><br>Learn more |
| | Entry delay is enabled.<br><br>Learn more |
| | Exit delay is enabled.<br><br>Learn more |

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| | MotionProtect will arm in **Night mode**.<br><br>Learn more |
| | MotionProtect has detected motion. The icon is displayed when the detector is armed |
| | The device is in the signal attenuation test mode.<br><br>Learn more |
| | MotionProtect is disabled.<br><br>Learn more |
| | MotionProtect has been deactivated due to exceeding the preset number of alarms.<br><br>Learn more |
| | MotionProtect has tamper triggering events deactivated.<br><br>Learn more |
| Offline | The device has lost connection with the hub or the hub has lost connection with the Ajax Cloud server. |
| Not transferred | The device has not been transferred to the new hub.<br><br>Learn more |

## States

The states include information about the device and its operating parameters. The states of MotionProtect can be found in the Ajax app:

1. Go to the **Devices** tab.

**2.** Select **MotionProtect** from the list.

| Parameter | Value |
| --- | --- |
| Data import | Displays the error when transferring data to the new hub:<br><br>• **Failed** — the device has not been transferred to the new hub.<br><br>**Learn more** |
| Temperature | Detector temperature. It is measured on the processor and changes gradually.<br><br>Acceptable error between the value in the app and the room temperature — 2°C.<br><br>The value is updated as soon as the detector identifies a temperature change of at least 2°C.<br><br>You can configure a scenario by temperature to control automation devices.<br><br>**Learn more** |
| Jeweller Signal Strength | Signal strength between the detector and hub or range extender on the Jeweller channel. The recommended value is 2 or 3 bars.<br><br>Jeweller is a protocol for transmitting MotionProtect events and alarms. |
| Connection via Jeweller | Connection status on the Jeweller channel between the detector and hub or the range extender:<br><br>• **Online** — the detector is connected to the hub or the range extender. Normal state.<br><br>• **Offline** — the detector is not connected to the hub or the range extender. Check the |

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| | device connection. |
| Transmitter power | Displays the selected power of the transmitter.<br><br>The parameter appears when the **Max** or **Attenuation** option is selected in the **Signal attenuation test** menu.<br><br>Learn more |
| Battery Charge | Battery level of the device. Displayed as a percentage.<br><br>When the batteries are low, the Ajax apps and the security company will receive appropriate notifications.<br><br>After sending a low battery notification, the detector can work for up to 2 months.<br><br>How the battery charge is displayed<br><br>Battery life calculator |
| Lid | The status of the detector tamper that responds to detachment or opening of the device enclosure:<br><br>• **Open** — the detector was removed from the SmartBracket, or detector integrity was compromised. Check the device.<br><br>• **Closed** — the detector is installed on the SmartBracket mounting panel. The integrity of the device enclosure and the mounting panel is not compromised—normal state.<br><br>Learn more |
| ReX | Displays the status of using a radio signal range extender. |
| Sensitivity | Sensitivity level of the motion detector: |

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|---|---|
| | • **Low** — it does not react to animals up to 50 cm tall.<br>• **Normal** (by default): it does not react to small dogs (up to 35 cm tall).<br>• **High** — the detector does not respond to cats (up to 25 cm tall). |
| Always Active | When this option is enabled, the detector is constantly armed, detects motion, and raises alarms.<br>Learn more |
| Permanent Deactivation | Shows the status of the device permanent deactivation function:<br>• **No** — the device operates in the normal mode.<br>• **Lid only** — notifications about triggering of the tamper is turned off.<br>• **Entirely** — the device is completely excluded from the system operation. The device does not follow system commands and does not report alarms or other events.<br>• **By number of alarms** — the device is automatically disabled when the number of alarms is exceeded (specified in the settings for Devices Auto Deactivation).<br>Learn more |
| **Alarm Reaction** | |
| Operating Mode | Shows how the detector reacts to alarms:<br>• **Instant Alarm** — the armed detector immediately reacts to a threat and raises the alarm. |

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| | • **Entry/Exit** — when a delay is set, the armed device starts the countdown and doesn't raise the alarm even if triggered until the countdown ends.<br><br>• **Follower** — the detector inherits the delays from Entry/Exit detectors. However, when the Follower is triggered individually, it immediately raises the alarm. |
| Delay When Entering, sec | Delay time when entering: from 5 to 120 seconds.<br><br>Delay when entering (alarm activation delay) is the time the user has to disarm the security system after entering the secured area.<br><br>Learn more |
| Delay When Leaving, sec | Delay time when leaving: from 5 to 120 seconds.<br><br>Delay when leaving (arming delay) is the time the user has to leave the secured area after the security system arming.<br><br>Learn more |
| Night Mode Delay When Entering, sec | Delay time when entering in the **Night mode**: from 5 to 120 seconds.<br><br>Delay when entering (alarm activation delay) is the time the user has to disarm the security system after entering the premises.<br><br>Learn more |
| Night Mode Delay When Leaving, sec | Delay time when leaving in the **Night mode**: from 5 to 120 seconds.<br><br>Delay when leaving (arming delay) is the time the user has to leave the premises after the security system arming. |

| | |
|---|---|
| | Learn more |
| Firmware | Detector firmware version. |
| Device ID | Detector ID. Also available on the QR code on the detector enclosure and its package box. |
| Device № | Number of the device loop (zone). |

## Settings

To change MotionProtect settings in the Ajax app:

1. Go to the **Devices** tab.
2. Select **MotionProtect** from the list.
3. Go to **Settings** by clicking on the gear icon.
4. Set the required parameters.
5. Click **Back** to save the new settings.

| Setting | Value |
|---|---|
| Name | Detector name. It is displayed in the list of hub devices, SMS text, and notifications in the event feed.<br><br>To change the detector name, click on the pencil icon.<br><br>The name can contain 12 Cyrillic characters or 24 Latin characters. |

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| Room | Selecting the virtual room to which the MotionProtect is assigned.<br><br>The room's name is displayed in the SMS text and notifications in the event feed. |
| Alarm LED indication | When the option is disabled, the LED indicator of the detector doesn't notify about alarms or tamper triggering.<br><br>Available for devices with firmware version 5.55.0.0 and higher.<br><br>**How to find the firmware version of the detector** |
| Sensitivity | Choosing the sensitivity level of the motion detector:<br><br>The choice depends on the type of the object, the presence of probable sources of false alarms, and the specifics of the secured area:<br><br>• **Low** — it does not react to animals up to 50 cm tall.<br><br>• **Normal** (by default) — it does not react to small dogs (up to 35 cm tall).<br><br>• **High** — the detector does not react to cats (up to 25 cm tall).<br><br>**Why motion detectors react to animals and how to avoid this** |
| Always Active | When this option is enabled, the detector is always in the armed mode and detects motion.<br><br>**Learn more** |
| Alert with a siren if motion detected | If active, **sirens added to the system** are activated when the motion is detected. |

| Alarm Reaction | |
|---|---|
| Operating Mode | Specify how this device will react to alarms:<br><br>• **Instant Alarm** — the armed detector immediately reacts to a threat and raises the alarm.<br><br>• **Entry/Exit** — when a delay is set, the armed device starts the countdown and doesn't raise the alarm even if triggered until the countdown ends.<br><br>• **Follower** — the detector inherits the delays from Entry/Exit detectors. However, when the Follower is triggered individually, it immediately raises the alarm. |
| Delay When Entering, sec | Delay time when entering: from 5 to 120 seconds.<br><br>Delay when entering (alarm activation delay) is the time the user has to disarm the security system after entering the secured area.<br><br>Learn more |
| Delay When Leaving, sec | Delay time when leaving: from 5 to 120 seconds.<br><br>Delay when leaving (arming delay) is the time the user has to leave the secured area after the security system arming.<br><br>Learn more |
| Arm in Night Mode | If this option is enabled, the detector will go into the armed mode when the system is set to the **Night mode**.<br><br>Learn more |
| Night Mode Delay When Entering, sec | Delay time when entering in the **Night mode**: from 5 to 120 seconds. |

| | |
|---|---|
| | Delay when entering (alarm activation delay) is the time the user has to disarm the security system after entering the premises.<br><br>Learn more |
| Night Mode Delay When Leaving, sec | Delay time when leaving in the **Night Mode**: from 5 to 120 seconds.<br><br>Delay when leaving (arming delay) is the time the user has to leave the premises after the security system arming.<br><br>Learn more |
| Jeweller Signal Strength Test | Switches the detector to the Jeweller signal strength test mode.<br><br>The test allows you to check the signal strength between the hub or the range extender and the detector via the Jeweller wireless data transfer protocol to determine the optimal installation location.<br><br>The recommended value is 2–3 bars.<br><br>Learn more |
| Detection Zone Test | Switches the detector to the detection zone test mode.<br><br>The test enables users to check how the detector responds to movement and determine the optimal installation location.<br><br>Learn more |
| Attenuation Test | Switches the detector to the signal attenuation test mode. The test is available for detectors with **firmware version 3.50 and higher**.<br><br>During the test, the transmitter power is decreased or increased to simulate a change in |

| | |
|---|---|
| | the environment to test the stability of communication between the detector and the hub or range extender.<br><br>**Learn more** |
| Permanent Deactivation | Allows the user to disconnect the device without removing it from the system.<br><br>Three options are available:<br><br>• **No** — the device operates normally and transmits all events.<br><br>• **Entirely** — the device will not execute system commands or participate in automation scenarios, and the system will ignore device alarms and other notifications.<br><br>• **Lid only** — the system will ignore only notifications about the triggering of the device tamper button.<br><br>**Learn more about permanent deactivation of devices**<br><br>The system can also automatically disable devices when the set number of alarms is exceeded.<br><br>**Learn more about auto deactivation of devices** |
| User Guide | Opens the MotionProtect user manual in the Ajax app. |
| Unpair Device | Unpairs the detector, disconnects it from the hub, and deletes its settings. |

## Detector operation indication

0:00 / 0:03

| Event | Indication | Note |
|---|---|---|
| Turning on the detector | Lights up green for about one second | |
| Detector connection to the hub*, ocBridge Plus** and uartBridge** | Lights up continuously for a few seconds | |
| Alarm / tamper activation | Lights up green for about one second | Alarm is sent once in 5 seconds |
| Battery needs replacing | During the alarm,slowly lights up and goes off green | Replacement of the detector battery is described in the Battery Replacement article |

** Only **Hub 2 Plus Jeweller** and **Hub 2 (4G) Jeweller** are certified according to UL/ULC standards.*
*** Not evaluated by UL.*

## Functionality testing

The Ajax system provides several types of tests to ensure that the installation place is chosen correctly. MotionProtect tests do not start immediately but not later than over a single hub–detector polling interval (36 seconds by default). You can change the ping interval of devices in the **Jeweller** or **Jeweller/Fibra** menu of the hub settings.

**To run a test in the Ajax app:**

1. Select the hub if you have several or use the PRO app.
2. Go to the **Devices** tab.
3. Select **MotionProtect** from the list.
4. Go to **Settings**.
5. Select a test:
    1. Jeweller Signal Strength Test.
    2. Detection Zone Test.
    3. Signal Attenuation Test.
6. Run the test.

## Selecting the device location

> The device is designed for indoor use only.

When choosing where to install MotionProtect, consider the parameters that affect its operation:

- Motion detection zone.
- Jeweller signal strength.
- Distance between the detector and the hub or radio signal range extender.
- Presence of obstacles for radio signal passage: walls, inter-floor ceilings, large objects located in the room.

The detector must be installed in the corner of the room or on a flat and not shaky vertical surface. If the device is installed on an unstable surface, this can lead to false alarms.

Consider the recommendations for placement when developing a project for the facility's security system. The security system must be designed and installed by specialists. A list of authorized partners is **available here**.

## Signal strength

The Jeweller signal level is determined by the number of undelivered or damaged data packets exchanged between the detector and a hub or range extender in a certain period of time.The icon on the **Devices** tab and the corresponding field in the device **States** indicate the signal strength:

- **Three bars** — excellent signal strength.
- **Two bars** — good signal strength.
- **One bar** — low signal strength, stable operation is not guaranteed.
- **Crossed out icon** — no signal.

Check the Jeweller signal strength before permanent installation. The detector should have 2 or 3 divisions of signal strength. To roughly calculate the signal strength at the place of installation, use our **radio communication range calculator**.

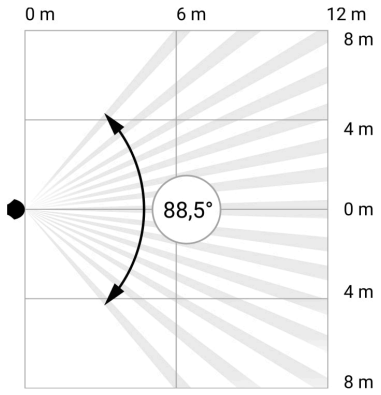
With a signal strength of one or zero bars, we do not guarantee the stable operation of the device. For such cases, consider relocating the device as

repositioning even by 20 cm can significantly improve the signal strength.

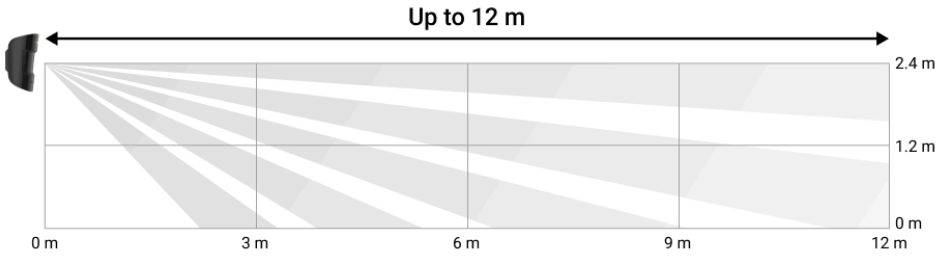
If there is still a low or unstable signal after the relocation, use a **radio signal range extender**.

## Detection zone

When choosing the installation place, consider the direction of the lens, viewing angles of the detector, and the presence of obstacles impairing the view. The intended path of the intruder must be perpendicular to the axis of the detector's lens. Ensure that furniture, house plants, vases, and decorative or glass elements do not obstruct the view of the detector.




The horizontal viewing angle of the detector




The vertical viewing angle of the detector

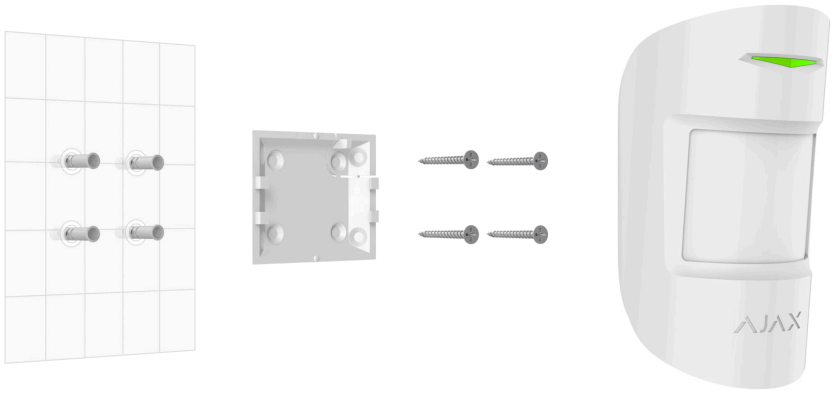
When installing the detector, perform the **Detection Zone Test**. This test is implemented to provide the possibility to check the device's operation and determine the sector in which the detector registers motion.

## Where not to install the detector

- Outdoors. This can lead to false alarms and detector failure. We recommend using **Ajax outdoor detectors** for such cases.
- In the direction where direct sunlight hits the detector lens. This can lead to false alarms. We recommend using **MotionProtect Plus Jeweller** or **Superior MotionProtect Plus Fibra** detectors for such cases.
- Opposite any objects with rapidly changing temperature like any electric or gas heater. This can lead to false alarms. We recommend using **MotionProtect Plus Jeweller** or **Superior MotionProtect Plus Fibra** detectors for such cases.
- Opposite any moving objects with a temperature close to the human body. For example, in front of swaying curtains above a radiator. This can lead to false alarms. We recommend using **MotionProtect Plus Jeweller** or **Superior MotionProtect Plus Fibra** detectors for such cases.
- In places with fast air circulation. For example, near fans, open windows, or doors. This can lead to false alarms. We recommend using **MotionProtect Plus Jeweller** or **Superior MotionProtect Plus Fibra** detectors for such cases.
- In places where objects and structures can block the detector's view. For example, behind a flower or a column. In this case, the view will be limited, and it will be more difficult for MotionProtect to detect motion.
- In places where glass structures may block the detector's view. MotionProtect does not register motion behind glass.
- Inside premises with temperature and humidity outside the permissible limits. This could damage the detector. We recommend using **Ajax outdoor detectors** for such cases.
- At a distance of less than 1 meter from the hub or radio signal range extender. This can lead to a loss of communication with the detector.
- In places with unstable or low signal strength with the detector: 1 or 0 bars of the Jeweller signal level). This can lead to a loss of communication with

the detector.

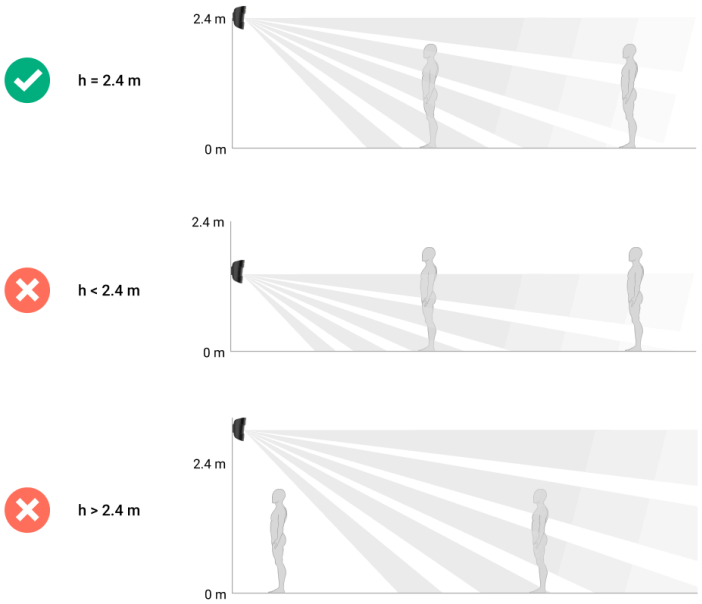
## Detector installation




Before installing MotionProtect, ensure that you have selected the optimal location that complies with the requirements of this manual.

**To mount a detector:**

1. Remove the SmartBracket mounting panel from the detector by sliding it down.
2. Fix the SmartBracket panel using double-sided tape or other temporary fasteners. SmartBracket can be mounted on a vertical surface or in the corner of the room. **The installation height is 2.4 meters**.




> Double-sided tape can only be used for temporary installation. The device attached by the tape may come unstuck from the surface. As long as the device is taped, the tamper will not be triggered when the device is detached from the surface.

3. Mount the detector on SmartBracket.

4. Run the **Jeweller signal strength test**. The recommended signal strength is 2 or 3 bars. If the signal strength is low (a single bar or lower), we do not guarantee stable operation of the device. In such cases, consider relocating the device as repositioning even by 20 cm can significantly improve the signal strength. If there is still a poor or unstable signal after the relocation, use a **radio signal range extender**.

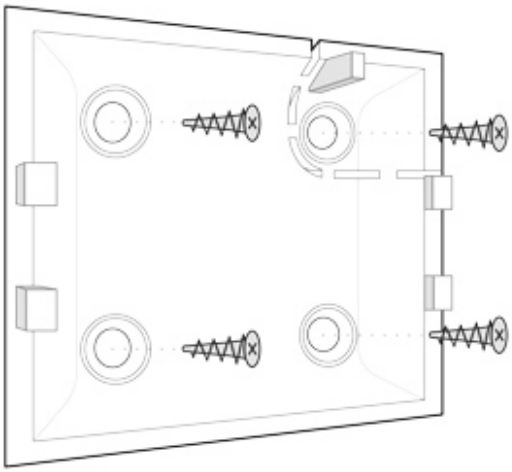
5. Run the **Detection zone test**. To check the motion detector, walk around the facility while observing the LED and determine the detector detection zone. The range of motion detection is 12 meters. If the detector did not react to movement during the test in 5 out of 5 cases, relocate the device or change its sensitivity.

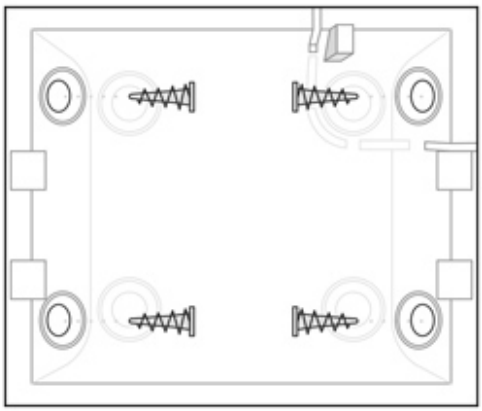
6. Remove the detector from SmartBracket.

7. Attach the SmartBracket mounting panel with the bundled screws using all fixation points (one of them is in the perforated part of the mounting panel

above the tamper). When using other fasteners, ensure they do not damage or deform the mounting panel.

The mounting panel allows mounting MotionProtect on a vertical surface or in the corner of a room. SmartBracket has holes to be drilled to fix the panel with the bundled screws.





**8.** Place the detector on the SmartBracket mounting panel.

## Detector Maintenance

Check the operational capability of the MotionProtect detector on a regular basis. The optimal frequency of checks is once every three months.

Clean the detector from dust, spider webs and other contaminants as they appear. Use a soft dry napkin suitable for equipment maintenance.

Do not use any substances containing alcohol, acetone, gasoline and other active solvents for cleaning the detector. Wipe the lens very carefully and gently — any scratches on the plastic may cause a reduction of the detector sensitivity.

The calculated autonomous operation of the device from a pre-installed battery is up to 5 years (with the inquiry frequency by the hub of 3 minutes). If the detector battery is discharged, the security system will send respective notices. The LED will smoothly light up and go out if the detector detects any motion or the tamper is actuated.

How long MotionProtect Jeweller will operate on pre-installer battery

How to replace batteries in MotionProtect Jeweller

## Technical specifications

All technical specifications of MotionProtect Jeweller

Compliance with standards

UL compliant installation

## Complete Set

1. MotionProtect Jeweller.
2. SmartBracket mounting panel.
3. Battery CR123A (pre-installed).
4. Installation kit.
5. Quick start guide.

## Warranty

Warranty for the Limited Liability Company “Ajax Systems Manufacturing” products is valid for 2 years after the purchase and does not apply to the pre-installed battery.

If the device does not work correctly, you should first contact the support service — in half of the cases, technical issues can be solved remotely.

The full text of the warranty

User Agreement

**Contact Technical Support:**

- e-mail
- Telegram