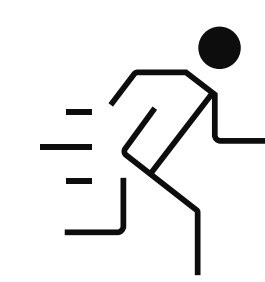
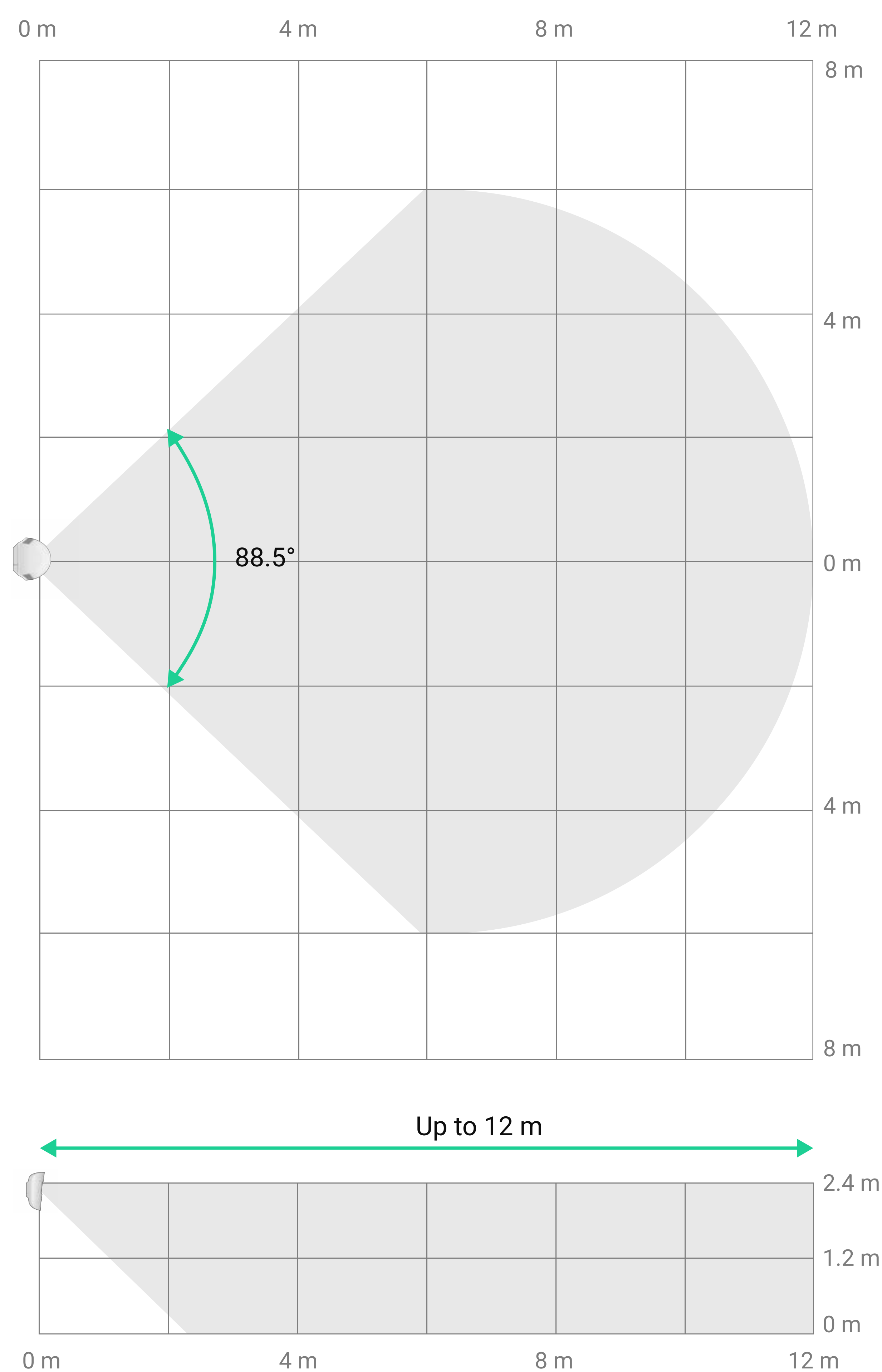


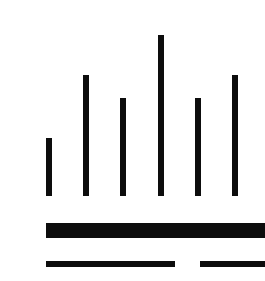
# MotionProtect U Jeweller

Wireless PIR motion detector



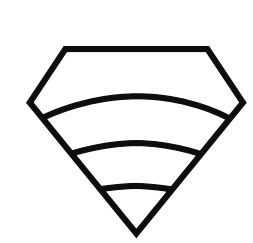
## Advanced detection

- Adjustable detection range of up to 12 m
- 88.5° horizontal motion detection angle
- Temperature compensation for effective detection in heat and cold



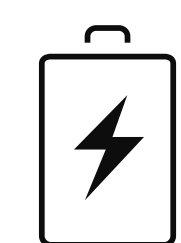
## Eliminating false alarms

- Pet immunity to ignore animals up to 50 cm in height and up to 20 kg in weight
- SmartDetect algorithm to prevent false alarms
- Three sensitivity levels that can be selected in an Ajax app



## Jeweller communication technology

- Up to 1,700 m of two-way radio communication range in an open space
- Data encryption throughout the transmission
- Regular polling to display the current device state



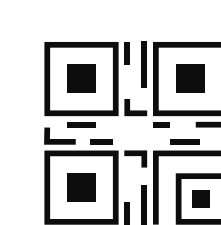
## Flawless autonomy

- Up to 5 years of operation on a pre-installed battery
- Low-battery notifications in Ajax apps
- Replaceable CR123A battery




## Sabotage resistance

- Tamper alarm to notify of device dismantling
- Device authentication to prevent spoofing
- Frequency hopping to prevent interception and jamming
- Holding screw to secure the device on SmartBracket






## Quick installation and setup

- SmartBracket panel to mount the device without disassembling the enclosure
- Pairing with the hub by scanning the QR code
- Remote control and configuration in Ajax apps

<b>Compliance with standards</b>  EN 50131-2-2 (Grade 2) PD 6662:2017	<b>Compatibility with hubs and range extenders</b>  For detailed information, scan the QR code or follow the link:    <a href="https://ajax.systems/tools/devices-compatibility/?models=MP.S.J-000-EU">ajax.systems/tools/devices-compatibility/?models=MP.S.J-000-EU</a>	<b>Communication with the hub</b>  Jeweller radio communication technology  Frequency bands 868.0–868.6 MHz  Maximum effective radiated power (ERP) ≤ 20 mW  Communication range up to 1,700 m In an open space  Protection against spoofing Device authentication	<b>Motion detection</b>  Sensitive element 1 × PIR sensor  Detection distance up to 12 m When installed at a height of 2.4 m  Detection angle horizontal: 88.5°  Detection speed from 0.3 to 2.0 m/s The direction of the detector lens should be perpendicular to an alleged intrusion path into the facility  Temperature compensation  Detection sensitivity 3 levels Adjusted by a PRO or user with admin rights in an Ajax app  Pet immunity weight: up to 20 kg height: up to 50 cm
<b>Power supply</b>  Battery 1 × CR123A (pre-installed)  Battery life up to 5 years	<b>Installation</b>  Operating temperature range from –10 °C to +40 °C  Operating humidity up to 75%  Recommended installation height 2.4 m	<b>Enclosure</b>  Colour white, black  Dimensions 110 × 65 × 50 mm  Weight 97 g  Tamper alarm	<b>Complete set</b>  MotionProtect U Jeweller 1 × CR123A (pre-installed) SmartBracket mounting panel with a holding screw Installation kit Quick start guide



For detailed information, scan the QR code or follow the link:  
[ajax.systems/support/devices/motionprotect-u-jeweller/](https://ajax.systems/support/devices/motionprotect-u-jeweller/)

-  support@ajax.systems
-  @AjaxSystemsSupport\_Bot
-  ajax.systems