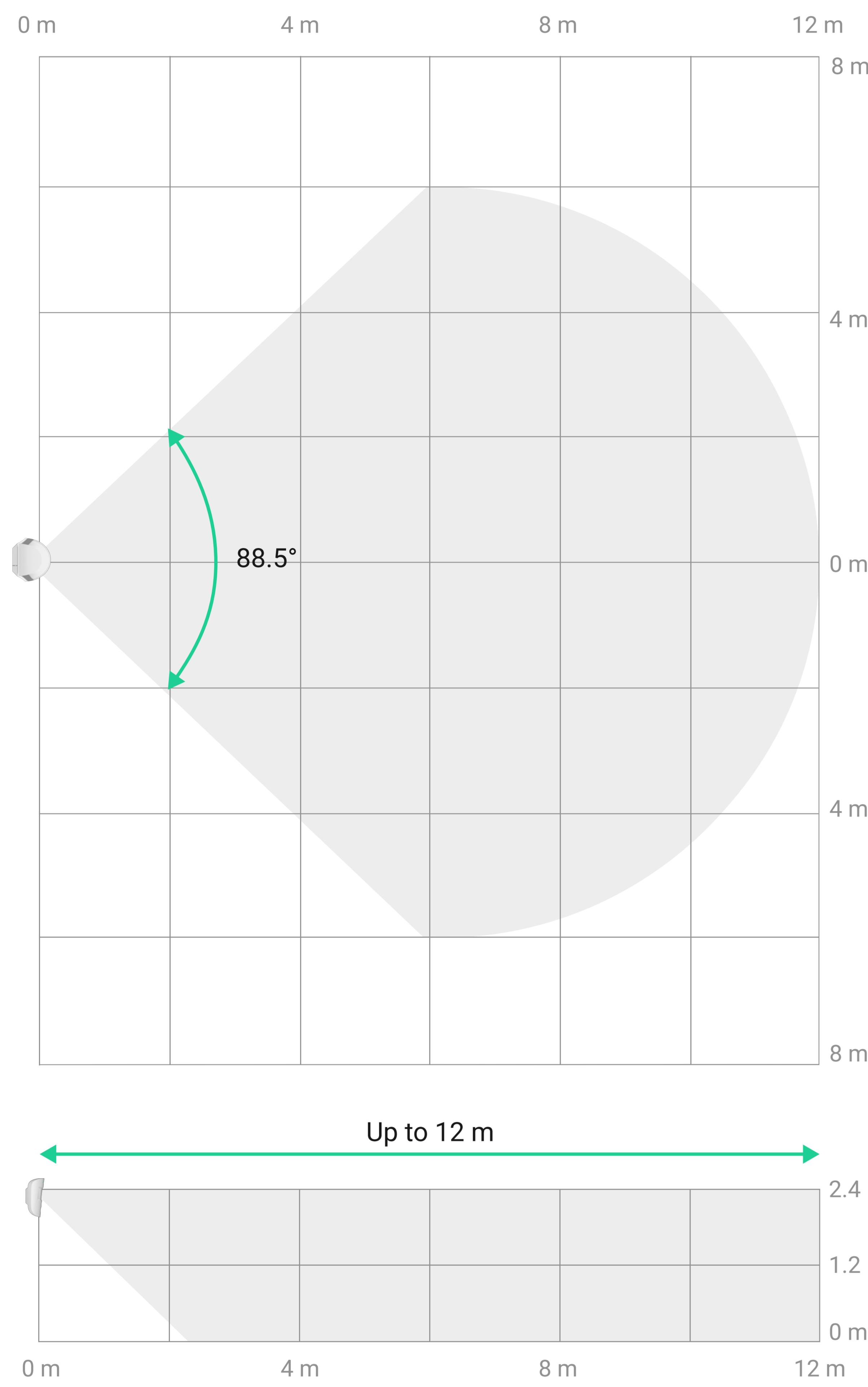


MotionCam U Jeweller

Wireless PIR motion detector that takes photos by alarm



Motion detection

- SmartDetect algorithm to prevent false alarms
- Temperature compensation
- Pet immunity
- Three sensitivity levels that can be selected in an Ajax app

Photo verification

- Photo resolution of up to 640 × 480 pixels
- Up to 5 photos in a series¹
- IR illumination for low-light conditions
- HDR for equalizing lighting to enhance image quality

Wings communication technology

- Up to 1,700 m of communication range in an open space
- Unique uploading algorithm and data delivery confirmation
- Data backup and resending if the transmission is interrupted

Jeweller communication technology

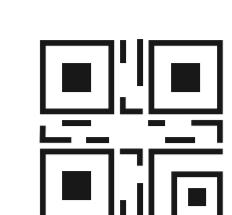
- Up to 1,700 m of communication range in an open space
- Data encryption throughout the transmission
- Regular polling to display the current device's states

Sabotage protection

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

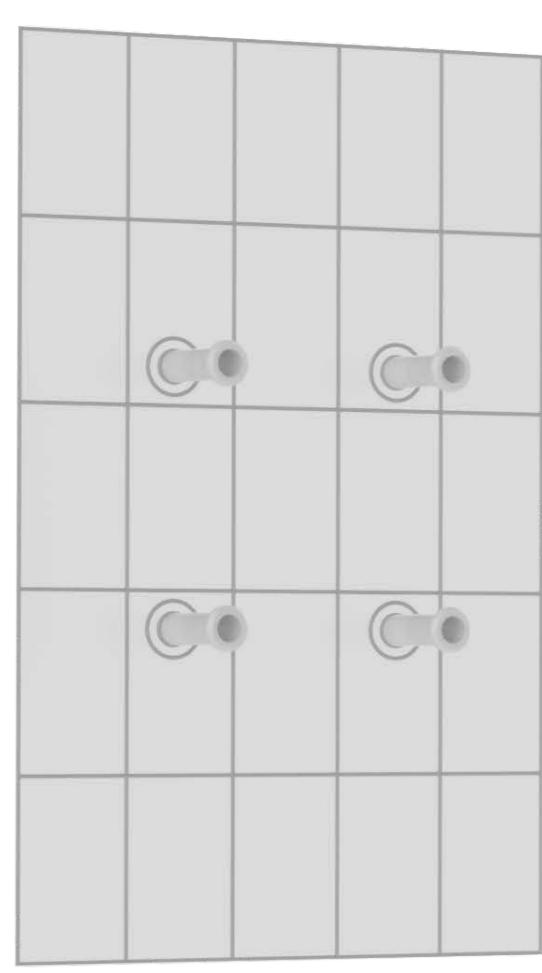
Flawless autonomy

- Up to 4 years of operation on pre-installed batteries
- Low battery notifications



Quick installation and setup

- Pairing with a hub by scanning the QR code
- Remote control and configuration in Ajax apps
- No need to disassemble the enclosure for installation and maintenance



Compliance with standards	Communication with a hub or range extender	Motion detection	Photo verification
EN 50131 (Grade 2) PD 6662:2017	Jeweller and Wings communication technologies	Sensitive element 1 × PIR sensor	Photo resolution in pixels 640 × 480 320 × 240 (by default) 160 × 120 Adjusted by a PRO or user with admin rights in an Ajax app
Compatibility with hubs and range extenders For detailed information, scan the QR code or follow the link:	Frequency band 868.0–868.6 MHz Communication range up to 1,700 m In an open space	Motion detection range up to 12 m Horizontal detection angle 88.5° Temperature compensation Motion 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. Pet immunity weight: up to 20 kg height: up to 50 cm Sensitivity 3 levels Adjusted by a PRO or user with admin rights in an Ajax app	Photos in a series from 1 to 5 pics ¹ Adjusted by a PRO or user with admin rights in an Ajax app HDR feature IR illumination
Power supply Batteries 2 × CR123A (pre-installed) Battery life up to 4 years	Installation Operating temperature range from –10 °C to +40 °C Operating humidity up to 75%	Enclosure Color white, black Dimensions 135 × 70 × 60 mm Weight 167 g Protection class IP50	Complete set MotionCam U Jeweller 2 × CR123A battery (pre-installed) SmartBracket mounting panel with a holding screw Installation kit Quick start guide

¹ The number of photos in a series depends on the selected photo resolution.



For detailed information, scan the QR code or follow the link:

ajax.systems/support/devices/motioncam-u-jeweller/