

Superior MotionCam HD (PhOD) Jeweller

Wireless IR motion detector that takes on-demand photos and photos by alarm, schedule, and scenario. Support for HD photo.

This is a device of the Superior product line. Only accredited Ajax Systems partners can sell, install, and administer Superior products.



2
GRADE
EN 50131

PD 6662
2017

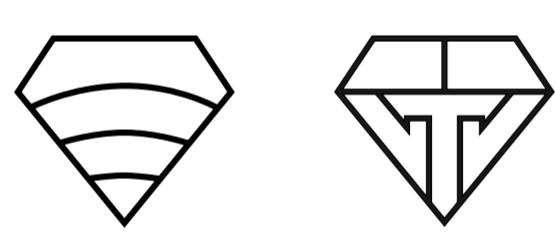
SSF

in progress



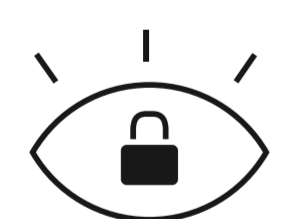
Photo verification

- High-definition¹ (HD) photos with a resolution of up to 960 × 720 pixels
- Up to 5 photos in a series²
- 4.5 seconds to send a photo in default resolution and 16 seconds for an HD photo
- Four types of photo verification: by alarm, by scenario, by schedule, and on demand
- IR illumination for low light conditions
- HDR technology to get clear images in difficult lighting conditions like insufficient or excessive sunlight



Jeweller and TurboWings communication technologies

- Up to 1,700 m (5,550 ft) of wireless communication range in an open space
- Encrypted graphic data is stored in compliance with GDPR requirements
- Regular polling to display the current device state in apps
- Frequency hopping to prevent interception and jamming



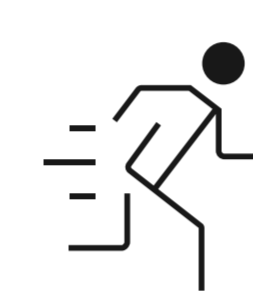
Privacy first

- The event log stores the last 500 system events with device, time, and event description
- On-demand photos are linked to the user who requested them
- Only authorized system users can access the virtual storage and view photos
- Once stored, the photos are not processed or analyzed



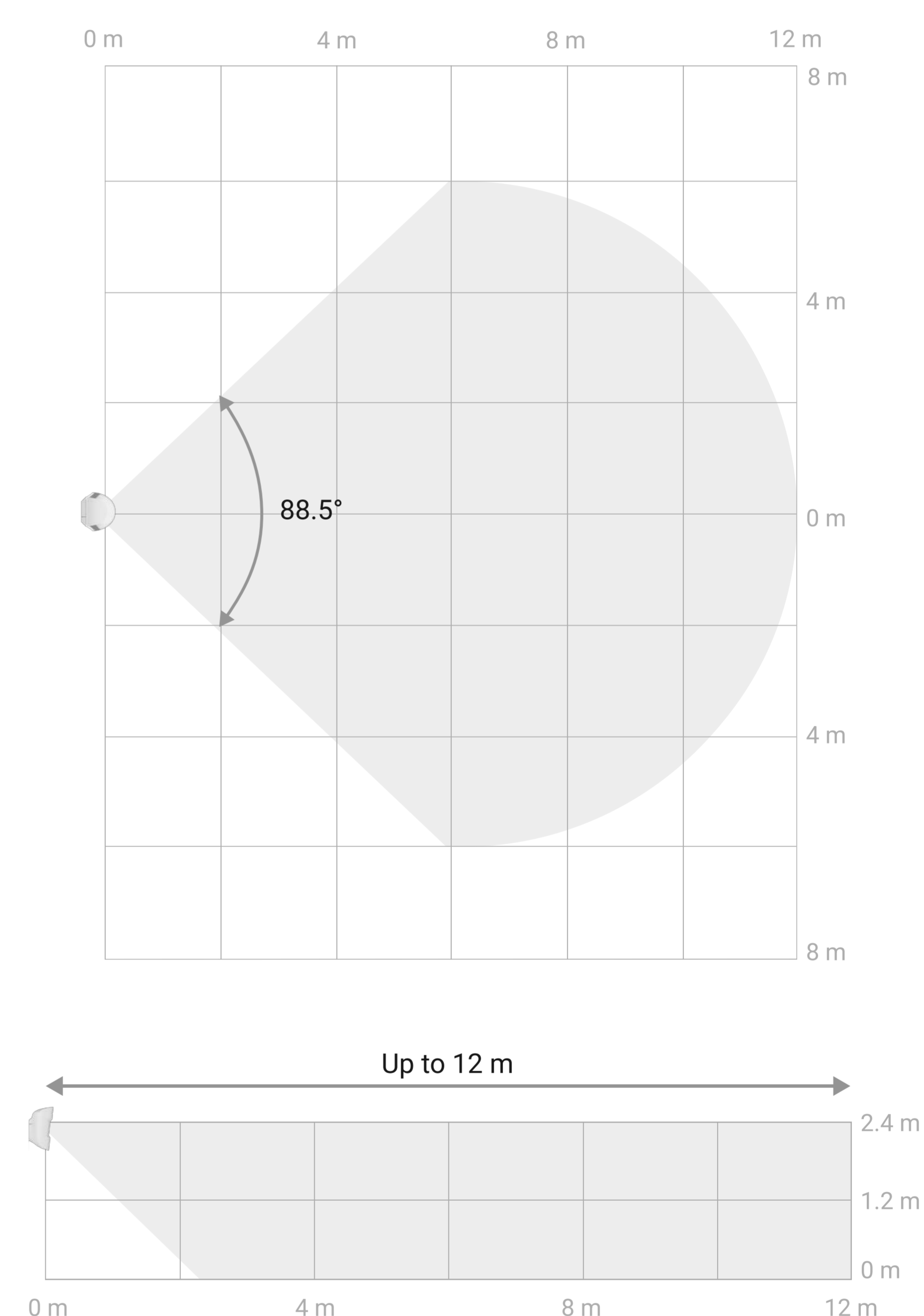
Outstanding autonomy

- Up to 4 years of operation with Photo on demand feature disabled and up to 3 years with it enabled
- Low battery notification
- Pre-installed enhanced batteries



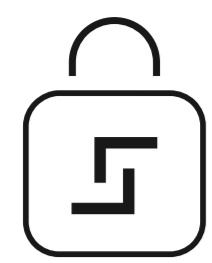
Movement detection

- Up to 12 m (39 ft) of movement detection distance
- Horizontal viewing angle of 88.5°
- Temperature compensation from -10 °C to +40 °C (from 14 °F to 104 °F) for effective movement detection



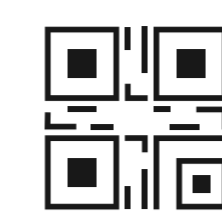
False alarm prevention

- Four sensitivity levels adjustable through Ajax apps
- SmartDetect software algorithm to prevent false alarms
- Pet immunity



Sabotage resistance

- Tamper alarm to notify of attempts to dismantle the device
- Protection against spoofing with device authentication



Hassle-free installation

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

<p>Compliance with standards</p> <p>EN 50131-2-6 (Grade 2) PD 6662:2017 SSF (in progress)</p> <p>Compatibility</p> <p>Hubs Hub 2 (2G) Jeweller Hub 2 (4G) Jeweller Hub 2 Plus Jeweller Hub BP Jeweller Hub Hybrid (2G) Hub Hybrid (4G)</p> <p>Range extenders ReX 2 Jeweller</p>	<p>Communication with a hub</p> <p>Jeweller and TurboWings communication technologies</p> <p>Frequency bands 866.0–866.5 MHz 868.0–868.6 MHz 868.7–869.2 MHz 905.0–926.5 MHz 915.85–926.5 MHz 921.0–922.0 MHz Depends on the sales region.</p> <p>Communication range up to 1,700 m up to 5,550 ft In an open space.</p> <p>Polling interval 12–300 s Adjusted by a PRO or a user with admin rights in the Ajax app.</p> <p>Protection against spoofing Device authentication</p>	<p>Photo verification</p> <p>Photo resolution in pixels 960 × 720 640 × 480 320 × 240 160 × 120 Adjusted by a PRO or a user with admin rights in the Ajax app.</p> <p>IR illumination</p> <p>HDR technology</p> <p>Support for HD photos</p> <p>Photos in a series² from 1 to 5 Adjusted by a PRO or a user with admin rights in the Ajax app.</p> <p>Photo delivery time 4.5 s for photos in default resolution (640 × 480 pixels) 16 s for HD photos</p> <p>Photo verification types Photo by alarm Photo on demand Photo by schedule Photo by scenario</p>	<p>Motion detection</p> <p>Sensitive element PIR sensor</p> <p>Motion detection distance up to 12 m up to 39 ft When installed at a height of 2.4 m (8 ft).</p> <p>Motion detection angle horizontal: 88.5°</p> <p>Motion detection speed from 0.3 to 2.0 m/s from 1 to 6.6 ft/s The detector lens should be positioned perpendicular to the suspected intrusion path into the facility.</p> <p>Temperature compensation</p> <p>Sensitivity 4 levels Adjusted by a PRO or a user with admin rights in the Ajax app.</p>
<p>Power supply</p> <p>Battery 2 × CR123A (pre-installed)</p> <p>Battery life up to 4 years With Photo on demand feature disabled</p> <p>up to 3 years With Photo on demand feature enabled</p>	<p>Installation</p> <p>Recommended installation height 2.4 m 8 ft</p> <p>Operating temperature range from –10 °C to +40 °C from 14 °F to 104 °F</p> <p>Operating humidity up to 75%</p> <p>Protection class IP50</p>	<p>Enclosure</p> <p>Color white, black</p> <p>Dimensions 135 × 70 × 60 mm 5.31" × 2.75" × 2.36"</p> <p>Weight 167 g 5.9 oz</p>	<p>Complete set</p> <p>Superior MotionCam HD (PhOD) Jeweller 2 × CR123A battery (pre-installed) SmartBracket mounting panel Installation kit Quick start guide</p>

¹ The first photo delivery within 16 seconds.

² The number of photos in a series depends on the photo resolution.

