



MotionCam (PhOD) Jeweller

Wireless outdoor motion detector that takes photos by alarm and on demand

Compatibility	Compatible hub models <ul style="list-style-type: none">• Hub 2 (2G)• Hub 2 (4G)• Hub 2 Plus• Hub Hybrid (2G)• Hub Hybrid (4G) Compatible range extenders <ul style="list-style-type: none">• ReX 2
Communication	Jeweller communication technology <p>Proprietary wireless communication technology to transmit alarms and events.</p> It features: <ul style="list-style-type: none">• Two-way communication.• Advanced anti-sabotage.• Block encryption featuring a dynamic key.• Instant notifications.• Remote configuration via the Ajax apps.• Frequency bands <p>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</p>

Depends on the region of sales.

Maximum effective radiated power (ERP) up to 20 mW

Radio signal modulation GFSK

Radio signal range up to 1,700 m

Between detector and hub or range extender in an open space.

Encrypted communication

All the data stored and transmitted are protected by block encryption with a dynamic key.

Radio frequency hopping

Radio communication uses frequency hopping to prevent interception and jamming.

Wings communication technology

Proprietary wireless communication technology to transmit photo verifications.

It features:

- Two-way communication.
- Block encryption featuring a dynamic key.
- Advanced anti-sabotage.
- Data package reloading in case of transmission errors.
- Photo delivery check.

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 region of sales.

	<p>Radio signal range up to 1,700 m Between detector and hub or range extender in an open space.</p> <p>Encrypted communication All the data stored and transmitted are protected by block encryption with a dynamic key.</p> <p>Radio frequency hopping Radio communication uses frequency hopping to prevent interception and jamming.</p>
<p>Detection</p>	<p>Sensitive elements 1 × PIR sensor</p> <p>Motion detection distance up to 12 m When installed at a height of 2.4 m.</p> <p>Motion detection angles</p> <ul style="list-style-type: none"> ● horizontal – 88.5° ● vertical – 80° <p>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.</p> <p>Sensitivity 3 levels Adjusted by PRO or user with admin rights in the Ajax app.</p> <p>Pet immunity</p> <ul style="list-style-type: none"> ● weight: up to 20 kg ● height: up to 50 cm <p>False alarm prevention SmartDetect Software algorithm.</p> <p>Temperature compensation Effective motion detection in temperatures from –10°C to +40°C.</p>
<p>Photo verification</p>	<p>Photo by alarm</p>

	<p>A built-in camera is activated if the detector is armed and motion is detected.</p> <p>Photo on demand User takes pictures at any time or when the detector is armed (depends on settings). The feature is disabled by default.</p> <p>Photo by scenario A detector camera takes pictures automatically when Ajax fire detectors are triggered. The feature is disabled by default.</p> <p>Photo resolution</p> <ul style="list-style-type: none"> ● 640 × 480 px ● 320 × 240 px (by default) ● 160 × 120 px <p>Adjusted by PRO or user with admin rights in the Ajax app.</p> <p>IR backlight For night photography and low light conditions.</p> <p>Pictures in a series</p> <ul style="list-style-type: none"> ● from 1 to 5 images with resolution of 320 × 240 px or 160 × 120 px ● from 1 to 3 images with resolution of 640 × 480 px <p>Adjusted by PRO or user with admin rights in the Ajax app.</p> <p>Photo delivery time</p> <ul style="list-style-type: none"> ● up to 7 s – 160 × 120 px resolution ● up to 9 s – 320 × 240 px resolution ● up to 20 s – 640 × 480 px resolution
<p>Recommendations</p>	<p>It is recommended to install the detector at a height of 2.4 m.</p> <p>Device is designed for indoor use only.</p>

<p>Anti-sabotage protection</p>	<p>Tampering alarm Alerts of attempts to detach the detector from the surface or remove it from the mounting panel.</p> <p>Protection against forgery device authentication</p> <p>Communication loss detection within 36 s Detection time depends on the Jeweller settings.</p>
<p>Power supply</p>	<p>2 × CR123A battery, 3 V Up to 4 years of battery life.</p>
<p>Enclosure</p>	<p>Dimensions 135 × 70 × 60 mm</p> <p>Weight 167 g</p> <p>Operating temperature range from -10°C to +40°C</p> <p>Operating humidity up to 75%</p> <p>Protection class IP50</p>
<p>Colours</p>	<ul style="list-style-type: none"> ● Black ● White
<p>Complete set</p>	<p>MotionCam (PhOD) Jeweller SmartBracket mounting panel Installation kit 2 × CR123A battery Pre-installed. Quick Start Guide</p>
<p>Additional information</p>	<p>Compliance with standards</p> <p>Warranty 24 months</p>