MotionCam (PhOD) Fibra

IR motion detector with a camera

Compatibility	**Compatible hub models** Hub Hybrid (2G) Hub Hybrid (4G)
Communication	**Fibra communication technology** Proprietary wired communication technology. Fibra combines the reliability of wires with the freedom of radio connection. **It features:** ● Two-way communication. ● Advanced anti-sabotage. ● Instant notifications. ● Remote configuration in the Ajax apps. **Line connection** 4-core cable **Fibra line length** up to 2,000 meters When using the U/UTP cat.5 twisted pair cable. **Calculate the line length at the facility** **Encrypted communication**
Detection	**Sensitive element** 1 PIR sensor **Motion detection distance** up to 12 meters When installed at the height of 2.4 meters. **Motion detection angles** ● horizontal — 88.5° ● vertical — 80° **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 room. **Sensitivity** 3 levels

	Adjusted by a PRO or user with admin rights in the Ajax app. **Pet immunity** up to 20 kg up to 50 cm in height **False alarm prevention** SmartDetect Software algorithm. **Temperature compensation** Effective motion detection within −10°C to +40°C range.
Photo verification	**Photo by alarm** The built-in camera is activated if the detector is armed and motion is detected. **Photo on demand** The user takes pictures at any time or when the detector is armed (depending on settings). The feature is disabled by default. **Photo by scenario** The detector's camera takes pictures automatically when other Ajax detectors are triggered. The feature is disabled by default. **Adjustable photo resolution** ● 640 × 480 px ● 320 × 240 px (default) ● 160 × 120 px Adjusted by a PRO or user with admin rights in the Ajax app. **IR backlight** For night photography and low light conditions. **Series of pictures** from 1 to 5 snapshots Adjusted by a PRO or user with admin rights in an Ajax app. **Photo delivery** ● up to 7 s — 160 × 120 px resolution ● up to 9 s — 320 × 240 px resolution ● up to 20 s — 640 × 480 px resolution Photo delivery time depends on the image resolution selected in the device settings.
Recommendations	It is recommended to install the detector at the height of 2.4 meters. The device is designed for indoor use only.

Anti-sabotage protection	**Tamper alarm** 2 tampers Both are needed to fasten the left or right side of the detector's mounting panel. The system receives notifications about attempts to detach the device from the surface or remove it from the mounting panel. **Protection against spoofing** device authentication
Power supply	**Fibra line power supply** 7–30 V⎓, up to 500 µA The detector is powered by the control panel. **Sealed battery** LTO AA It is used when the detector takes photos, activates an IR backlight, and transmits an alarm. The battery is charged from the Fibra line.
Enclosure	**Dimensions** 135 × 70 × 66 mm **Weight** 150 g **Operating temperature range** from −10°C to +40°C **Operating humidity** up to 75% **Protection class** IP50
Colours	**Black** **White**
Complete set	MotionCam (PhOD) Fibra SmartBracket mounting panel Installation kit Quick Start Guide
Additional information	**Compliance with standards** Learn more **Warranty** 24 months Learn more **User manual** Learn more