

Superior MotionCam (PhOD) Fibra

Wired PIR motion detector with extended photo verification possibilities

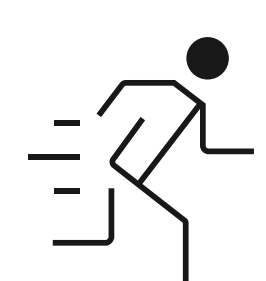
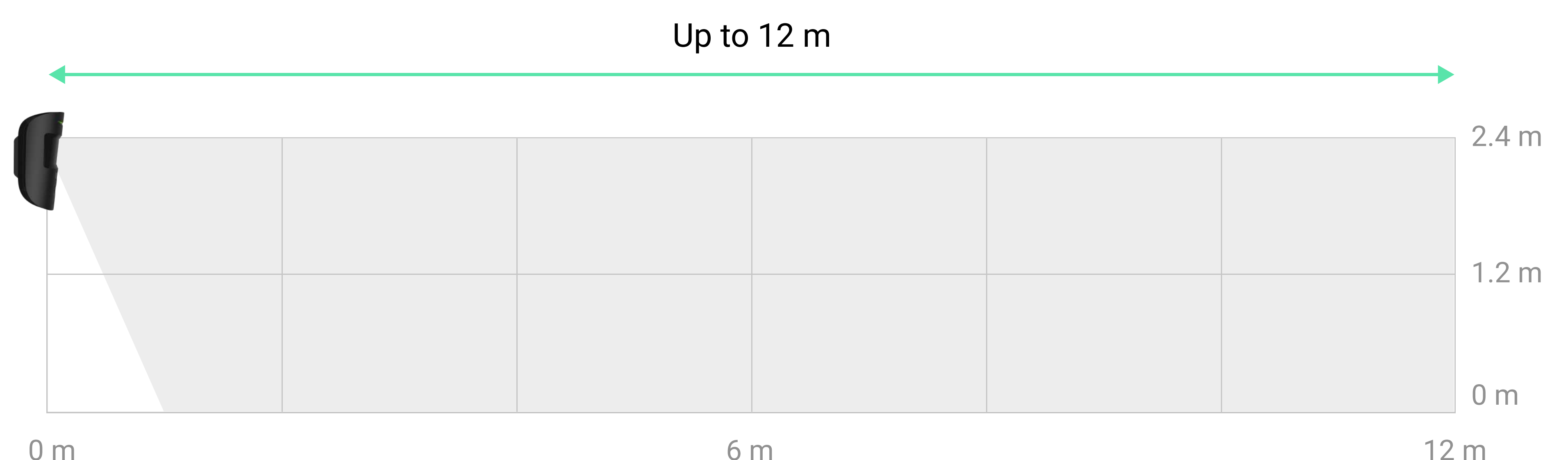
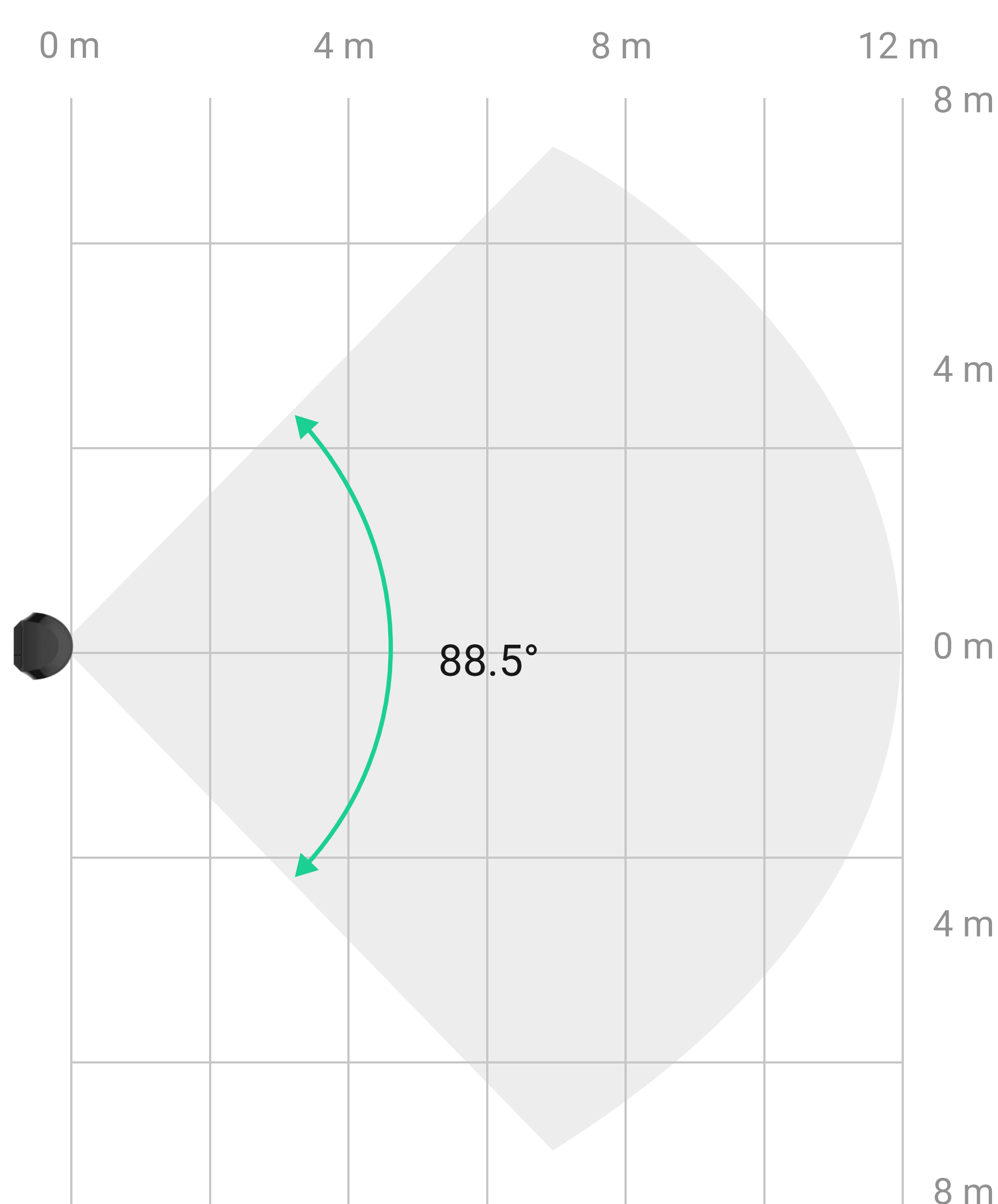
This is a device of the Superior product line. Only accredited Ajax Systems partners can sell, install, and administer Superior products.



2
GRADE
EN 50131

PD 6662
2017

INCERT



Motion detection

- Up to 12 m (40 ft) of motion detection distance¹
- 88.5° horizontal motion detection angle
- Temperature compensation for motion detection at any operating temperature



False alarm prevention

- SmartDetect software algorithm
- Four sensitivity levels adjustable via Ajax apps
- Pet immunity

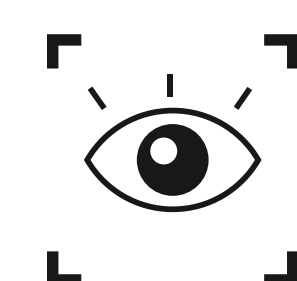
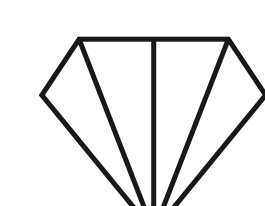


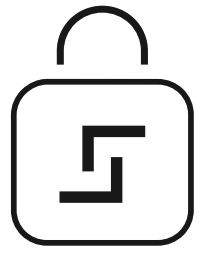
Photo verification

- Photo on demand, by alarm, by schedule, by arming/disarming, and by scenario
- Up to 5 photos in a series²
- Up to 9 seconds to deliver the first photo³
- Up to 640 × 480 px photo resolution
- IR illumination for low-light conditions



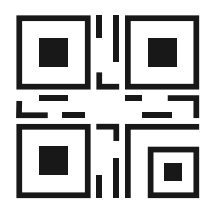
Fibra communication technology

- Up to 2,000 m (6,550 ft) of encrypted two-way communication⁴
- Data encryption
- Regular polling to display the current device state in Ajax apps




Sabotage resistance

- Device authentication to prevent spoofing or data theft
- Two tampers to detect detaching the detector from the surface or removing it from the mounting panel



Effortless installation and configuration

- Pairing with a hub via Fibra line scanning or QR code
- Remote configuration via mobile and desktop Ajax apps
- Effortless installation and maintenance without the need to disassemble the enclosure

Compatibility with hubs For detailed information, scan the QR code or follow the link:  ajax.systems/tools/devices-compatibility/?models=MC.P.F	Compliance with standards EN 50131 (Grade 2) PD 6662:2017 INCERT	Communication with a hub Fibra communication technology Wired connection U/UTP cat.5 4×2×0.51 mm (24 AWG) cable, copper conductor 4×0.22 mm² signal cable, copper conductor Communication range up to 2,000 m up to 6,550 ft With U/UTP cat.5 4×2×0.51 mm (24 AWG) cable	Motion detection Sensitive element 1 × PIR sensor Motion detection distance¹ up to 12 m up to 40 ft When the detector is installed at a height of 2.4 m (7.9 ft) Motion detection angle horizontal: 88.5° Motion detection sensitivity 4 levels Adjusted in Ajax apps
Power supply Main power supply 24 V $\overline{=}$, up to 0.12 W From the Fibra line Backup power supply sealed LTO AA battery	Installation Recommended installation height 2.4 m 7.9 ft Operating temperature range from -10 °C to +40 °C from 14 °F to 104 °F Operating humidity up to 75% Protection class IP50	Enclosure Color white, black Dimensions 135 × 70 × 66 mm 5.31" × 2.75" × 2.59" Weight 150 g 5.29 oz Two tampers For sideways installation	Complete set Superior MotionCam (PhOD) Fibra SmartBracket mounting panel Installation kit Quick start guide

¹ According to the INCERT certification, the detection range is up to 10 m (32.8 ft).

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

³ With a photo resolution of 320 × 240 pixels.

⁴ With U/UTP cat.5, 4×2×0.51 mm (24 AWG) cable. Other cable types may have different values. Please use the [Fibra power supply calculator](#) to check the wired system project before installation.



For detailed information, scan the QR code or follow the link:
ajax.systems/support/devices/superior-motioncam-phod-fibra/



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