

# Superior MotionCam (PhOD) Fibra

Wired PIR motion detector with extended photo verification possibilities

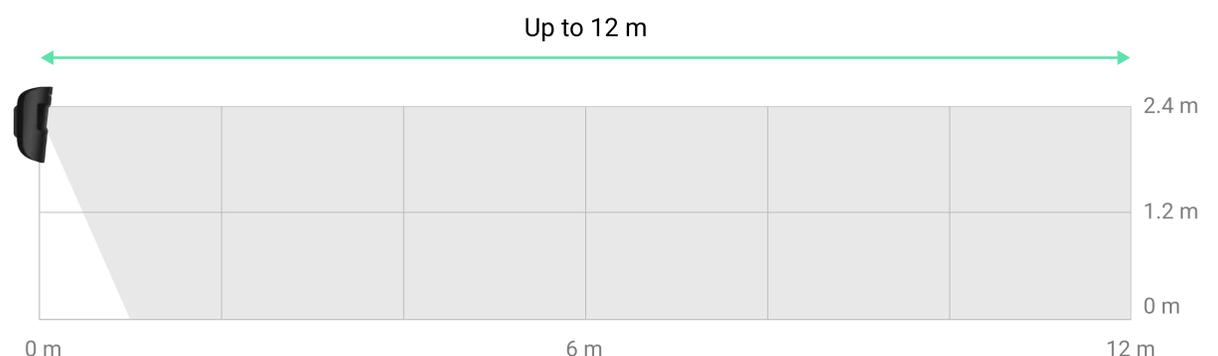
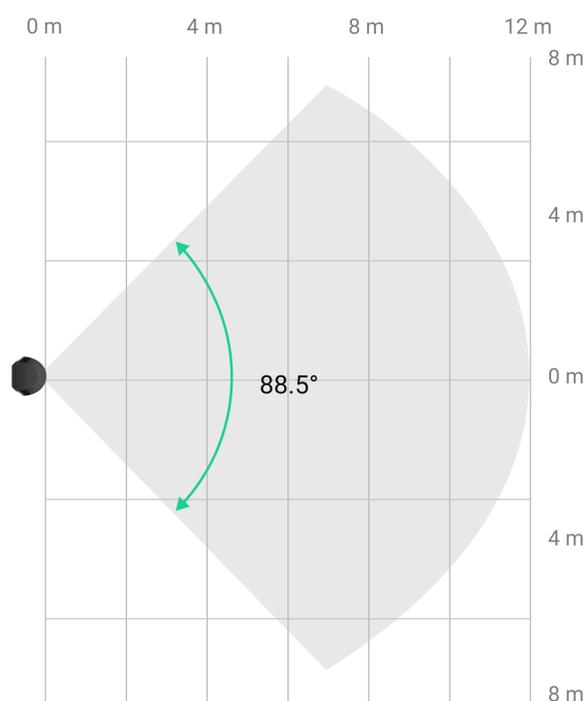
This is a device of the Superior product line. Only accredited Ajax Systems partners can sell, install, and administer Superior products.



2  
GRADE  
EN 50131

PD 6662  
2017

INCERT



## Motion detection

- Up to 12 m (40 ft) of motion detection distance<sup>1</sup>
- 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 series<sup>2</sup>
- Up to 9 seconds to deliver the first photo<sup>3</sup>
- 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 communication<sup>4</sup>
- 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

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

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

<sup>2</sup> The number of photos in a series depends on the selected photo resolution.

<sup>3</sup> With a photo resolution of 320 × 240 pixels.

<sup>4</sup> 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/](https://ajax.systems/support/devices/superior-motioncam-phod-fibra/)



support@ajax.systems



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