

Superior MotionCam Fibra

Wired PIR motion detector
that takes photos by alarm

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

Photo verification

- Built-in photo camera for the visual check of alarm causes
- IR illumination for low-light conditions
- Adjustable image resolution (up to 640 × 480 px)
- Up to 5 photos in a series¹
- Up to 9 s to deliver the first photo²

Motion detection

- Up to 12 m (39 ft) of detection range³
- Horizontal motion detection angle: 88.5°
- Temperature compensation for accurate detection at ambient temperature of -10 °C to +40 °C (14 °F to 104 °F)

Fibra communication technology

- Up to 2,000 m (6,550 ft) of two-way wired communication
- Data encryption throughout the entire transmission process
- Regular polling to display current device state
- Option to connect different device types via a single Fibra line

False alarm prevention

- Four sensitivity levels adjustable through Ajax apps
- SmartDetect software algorithm to filter out thermal interference
- Pet immunity: the detector ignores movement of pets under 20 kg (44 lb) and 50 cm (1.6 ft) in height

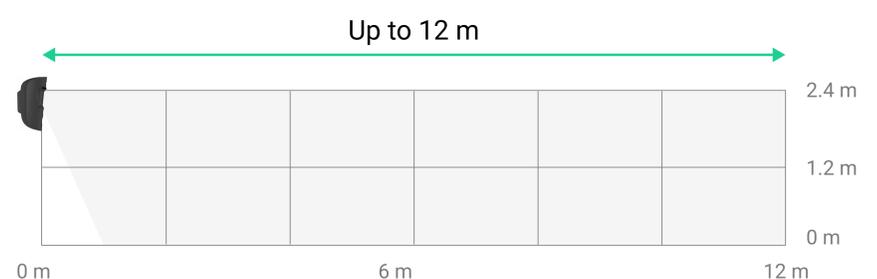
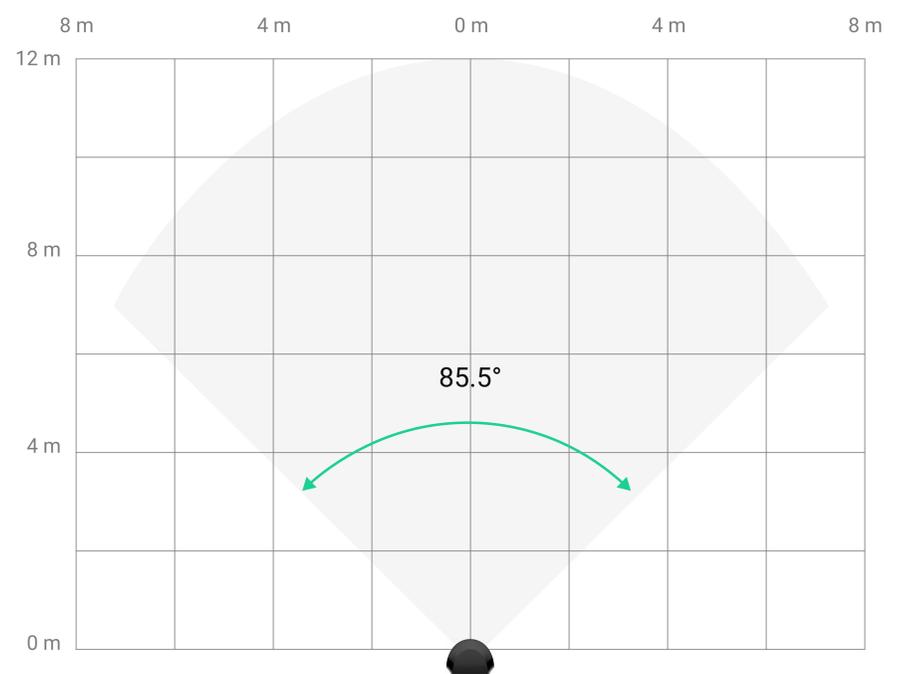


2
GRADE
EN 50131

PD 6662
2017

INCERT

NFA2P



Ajax product portfolio also includes Superior MotionCam (PhOD) Fibra with extended photo verification possibilities.



Sabotage protection

- Two tampers on both sides of the device body
- Device authentication to prevent spoofing
- Connection loss detection
- Data backup in case of connection loss



Quick installation and setup

- Adding to a hub via automatic line scanning or QR code
- Remote control and configuration in Ajax apps
- Installation without enclosure disassembly

<p>Compliance with standards</p> <p>EN 50131 (Grade 2) PD 6662:2017 INCERT NFA2P</p>	<p>Communication with a hub</p> <p>Fibra communication technology</p> <p>Wired connection U/UTP cat.5 4×2×0.51 mm (24 AWG) cable, copper conductor 4 × 0.22 mm² signal cable, copper conductor</p> <p>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</p>	<p>Detection</p> <p>Sensitive element 1 × PIR sensor</p> <p>Detection range³ 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>Sensitivity 4 levels Adjusted by a PRO or a user with admin rights in the Ajax app</p> <p>Pet immunity weight: up to 20 kg (44 lb) height: up to 50 cm (1.6 ft)</p> <p>Temperature compensation</p>	<p>Photo verification</p> <p>Image resolution (in pixels) 640 × 480 320 × 240 (by default) 160 × 120 Adjusted by a PRO or a user with admin rights in the Ajax app</p> <p>Photos in a series from 1 to 5 pics Adjusted by a PRO or a user with admin rights in the Ajax app</p> <p>First photo delivery time up to 7 s for 160 × 120 px up to 9 s for 320 × 240 px up to 20 s for 640 × 480 px</p> <p>IR illumination</p>
<p>Compatibility with hubs</p> <p>For detailed information, scan the QR code or follow the link:</p>  <p>ajax.systems/tools/devices-compatibility/?models=MC.Y.F</p>	<p>Installation</p> <p>Operating temperature –10 °C to +40 °C 14 °F to 104 °F</p> <p>Operating humidity up to 75%</p>	<p>Enclosure</p> <p>Color black, white</p> <p>Dimensions 135 × 70 × 66 mm 5.27" × 2.75" × 2.59"</p> <p>Weight 160 g 5.6 oz</p> <p>Protection class IP50, IK04</p>	<p>Complete set</p> <p>Superior MotionCam Fibra SmartBracket mounting panel Installation kit Quick start guide</p>
<p>Power supply</p> <p>Main power supply 7–30 V$\overline{=}$, up to 367 mW The device is powered by the hub or Superior LineSupply Fibra</p> <p>Auxiliary power supply Built-in LTO AA battery</p>			

¹ The number of photos in a series depends on image resolution.

² When default settings are applied (320 × 240 px). The delivery time depends on image resolution.

³ INCERT certification requires a detection range of up to 10 m (33 ft) at high sensitivity.



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

- ✉ support@ajax.systems
- 📍 @AjaxSystemsSupport_Bot
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