

Superior MotionProtect Fibra

Wired PIR motion detector

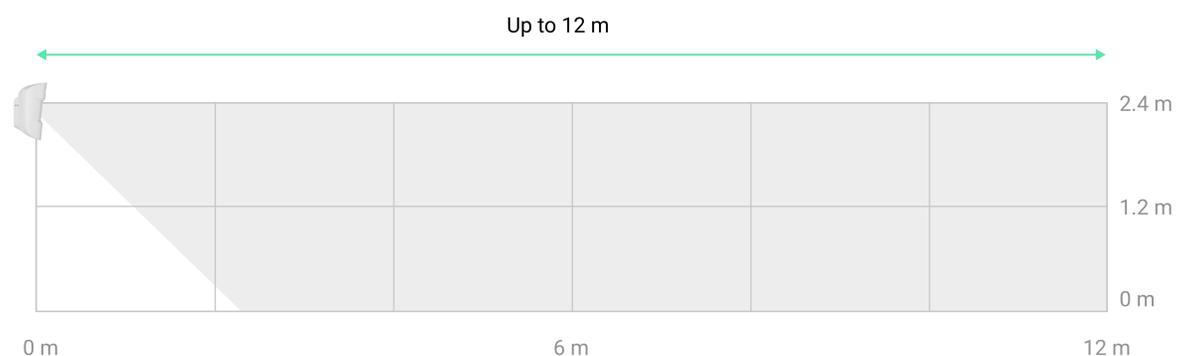
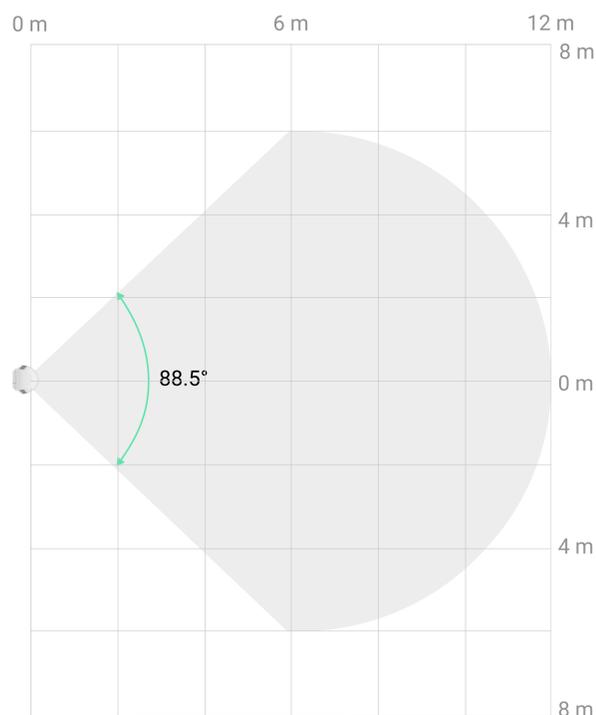
This is the device of the Superior product line. Only accredited Ajax Systems partners can sell, install, and maintain Superior products.

2
GRADE
EN 50131PD 6662
2017

INCERT

SSF

NFA2P



Efficient motion detection

- One PIR sensor
- Up to 12 m (39 ft) of detection range¹
- Horizontal viewing angle: 88.5°



False alarm prevention

- Three sensitivity levels: selectable in the app
- SmartDetect algorithm to prevent false alarms
- Pet immunity: the device ignores pets that are under 20 kg (44 lb) in weight and 50 cm (1.6 ft) in height



Fibra communication technology

- Up to 2,000 m (6,550 ft) of two-way encrypted wired communication
- Block encryption featuring a dynamic key to protect all stored and transmitted data.
- Device authentication to prevent spoofing



State monitoring

- Polling to regularly check and display the real-time device status
- Instant alert on malfunction or connection loss to PROs and users



Sabotage resistance

- Tamper button to alert of attempts to detach the detector or remove it from the mounting panel
- Protection against short circuit
- Connection loss detection



Fast installation and setup

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

<p>Compliance with standards</p> <p>EN 50131 (Grade 2) PD 6662:2017 INCERT SSF NFA2P</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=MP.Y.F</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</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>Motion detection range¹ up to 12 m (39 ft)</p> <p>Motion viewing angle horizontal: 88.5°</p> <p>Three sensitivity levels selectable in Ajax apps</p> <p>Pet immunity weight: up to 20 kg (44 lb) height: up to 50 cm (1.6 ft)</p> <p>SmartDetect digital algorithm for preventing false alarms</p>
<p>Power supply</p> <p>Main power supply 5–30 V$\overline{=}$, up to 180 mW The device is powered by the hub or Superior LineSupply Fibra</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>Protection class IP50</p> <p>Recommended installation height 2.4 m 7.9 ft</p>	<p>Enclosure</p> <p>Color white, black</p> <p>Dimensions 110 × 67 × 62 mm 4.33" × 2.64" × 2.44"</p> <p>Weight 75 g 2.64 oz</p> <p>Tamper alarm</p>	<p>Complete set</p> <p>Superior MotionProtect Fibra SmartBracket mounting panel Installation kit Quick start guide</p>

¹ 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-motionprotect-fibra

- ✉ support@ajax.systems
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