

# 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.



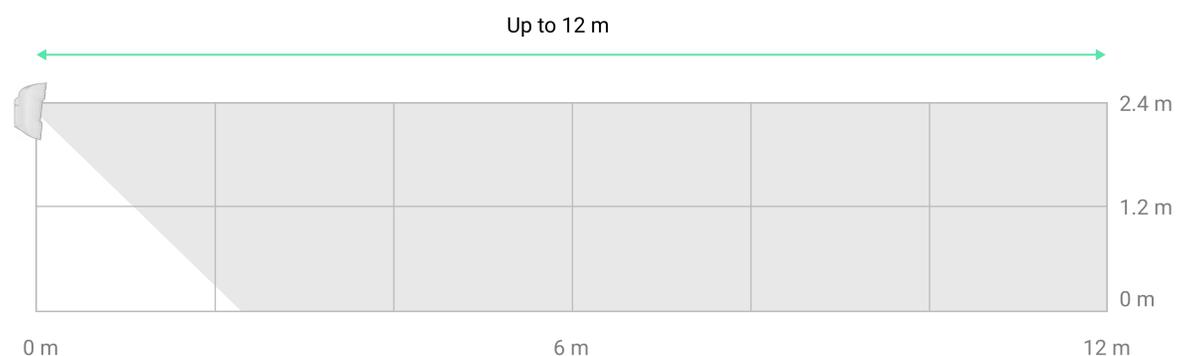
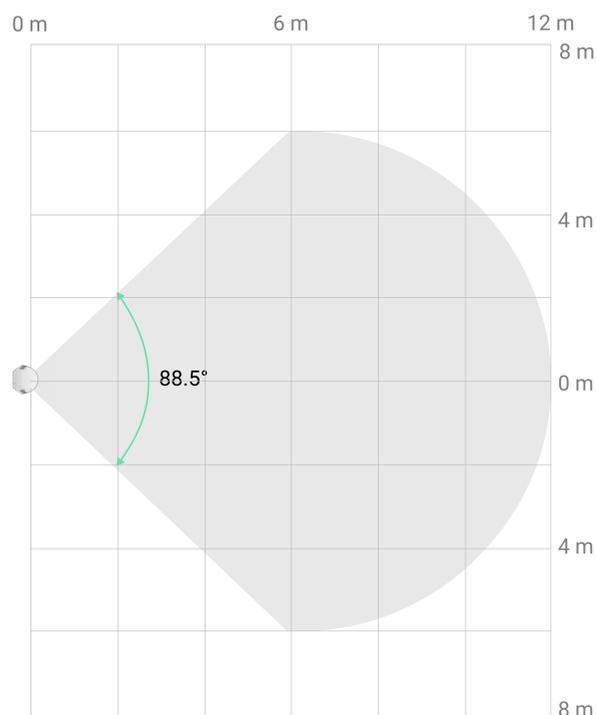
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GRADE  
EN 50131

PD 6662  
2017

INCERT

SSF

NFA2P



## Efficient motion detection

- One PIR sensor
- Up to 12 m (39 ft) of detection range<sup>1</sup>
- Horizontal viewing angle: 88.5°



## 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



## 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



## 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

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| <p><b>Compliance with standards</b></p> <p>EN 50131 (Grade 2)<br/>PD 6662:2017<br/>INCERT<br/>SSF<br/>NFA2P</p>  | <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=MP.Y.F">ajax.systems/tools/devices-compatibility/?models=MP.Y.F</a></p> | <p><b>Communication with a hub</b></p> <p><b>Fibra communication technology</b></p> <p><b>Wired connection</b><br/>U/UTP cat.5 4x2x0.51 mm<br/>(24 AWG) cable, copper conductor</p> <p><b>Communication range</b><br/>up to 2,000 m<br/>up to 6,550 ft<br/>With U/UTP cat.5 4x2x0.51 mm<br/>(24 AWG) cable</p> | <p><b>Detection</b></p> <p><b>Sensitive element</b><br/>1 x PIR sensor</p> <p><b>Motion detection range<sup>1</sup></b><br/>up to 12 m (39 ft)</p> <p><b>Motion viewing angle</b><br/>horizontal: 88.5°</p> <p><b>Three sensitivity levels</b><br/>selectable in Ajax apps</p> <p><b>Pet immunity</b><br/>weight: up to 20 kg (44 lb)<br/>height: up to 50 cm (1.6 ft)</p> <p><b>SmartDetect</b><br/>digital algorithm for preventing false alarms</p> |
| <p><b>Power supply</b></p> <p><b>Main power supply</b><br/>5-30 V<math>\overline{=}</math>, up to 180 mW<br/>The device is powered by the hub or Superior LineSupply Fibra</p> | <p><b>Installation</b></p> <p><b>Operating temperature</b><br/>-10 °C to +40 °C<br/>14 °F to 104 °F</p> <p><b>Operating humidity</b><br/>up to 75%</p> <p><b>Protection class</b><br/>IP50</p> <p><b>Recommended installation height</b><br/>2.4 m<br/>7.9 ft</p>  | <p><b>Enclosure</b></p> <p><b>Color</b><br/>white, black</p> <p><b>Dimensions</b><br/>110 x 67 x 62 mm<br/>4.33" x 2.64" x 2.44"</p> <p><b>Weight</b><br/>75 g<br/>2.64 oz</p> <p><b>Tamper alarm</b></p>  | <p><b>Complete set</b></p> <p>Superior MotionProtect Fibra<br/>SmartBracket mounting panel<br/>Installation kit<br/>Quick start guide</p>  |

<sup>1</sup> 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](https://ajax.systems/support/devices/superior-motionprotect-fibra)



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