

# Superior CombiProtect Fibra

Wired PIR motion detector and glass break detector with a microphone

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



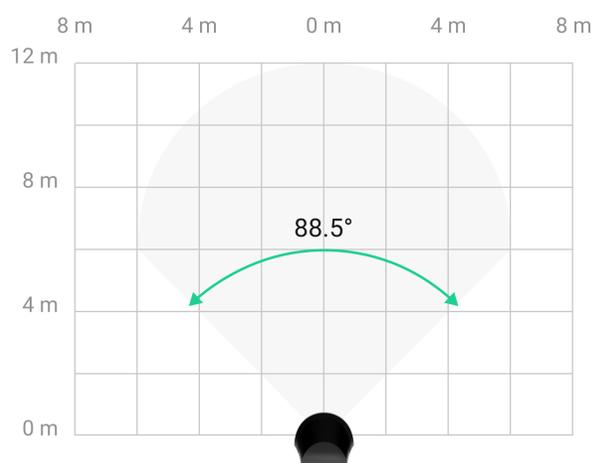
3  
GRADE  
EN 50131

PD 6662  
2017

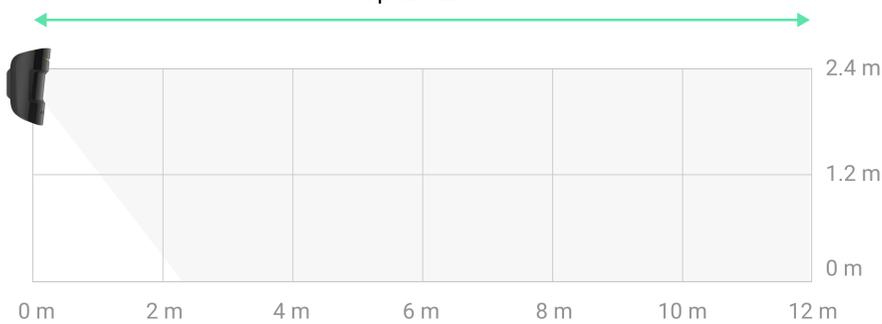
NFA2P



## Motion detection



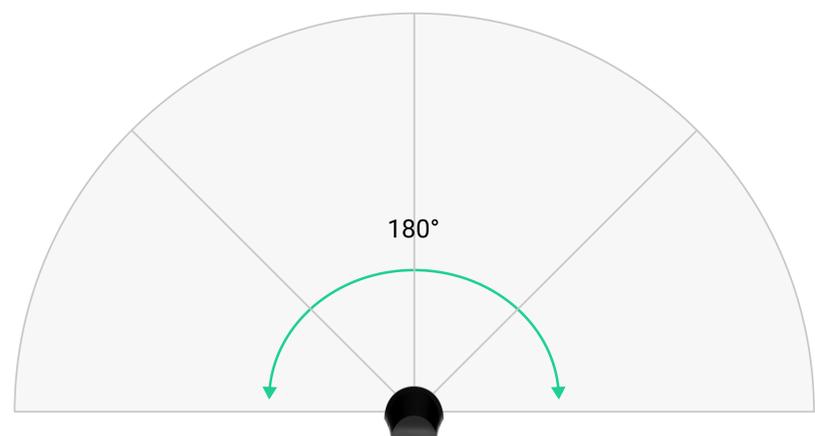
Up to 12 m



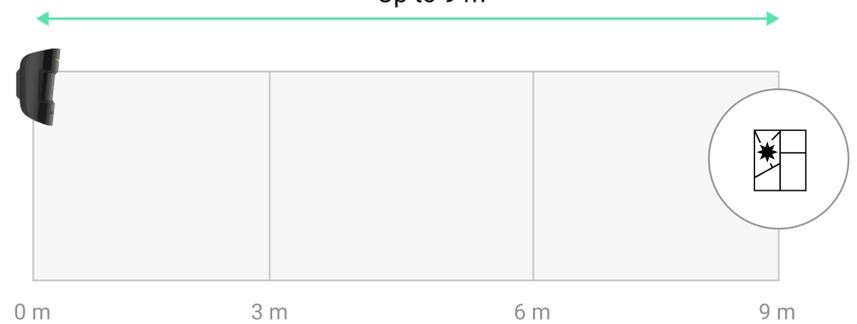
- Up to 12 m (39 ft) of motion detection distance
- 88.5° horizontal viewing angles
- SmartDetect algorithm to prevent false alarms
- Temperature compensation for effective detection in heat and cold
- Pet immunity<sup>1</sup>



## Glass break detection



Up to 9 m



- Up to 9 m (29.5 ft) of glass break detection distance
- 180° horizontal detection angle
- DualTone digital algorithm for glass break verification
- Filtering out false alarms caused by barking dogs or the sound of passing trucks

## Fibra communication technology

- Up to 2,000 m (6,550 ft) of wired communication with a hub or module that extends the Fibra line
- Data encryption
- Regular polling to display the current device state
- One Fibra line for different types of devices
- Energy consumption of up to 0.046 W

## Sabotage protection

- Tamper alarm
- Device authentication to prevent spoofing
- Protection from short circuits on the Fibra line
- Holding screw to secure the device on the SmartBracket mounting panel

## Easy installation and maintenance

- Adding to a hub via the line scanning feature or QR code
- Installation without disassembling the enclosure
- On-site or remote configuration and testing in Ajax apps
- Instant maintenance notifications

<p><b>Compliance with standards</b></p> <p>EN 50131 (Grade 2) PD 6662:2017 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=CP.Y.F">ajax.systems/tools/devices-compatibility/?models=CP.Y.F</a></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 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>Glass break detection</b></p> <p><b>Sensitive element</b> 1 × electret microphone</p> <p><b>Glass break detection distance</b> up to 9 m up to 29.5 ft</p> <p><b>Glass break detection angle</b> horizontal: 180°</p> <p><b>Sensitivity</b> 3 levels Adjusted by a PRO or a user with admin rights in an Ajax app</p>	<p><b>Motion detection</b></p> <p><b>Sensitive element</b> 1 × PIR sensor</p> <p><b>Motion detection distance</b> up to 12 m up to 39 ft When the detector is installed at a height of 2.4 m (8 ft)</p> <p><b>Motion detection angle</b> horizontal: 88.5°</p> <p><b>Pet immunity<sup>1</sup></b> weight: up to 20 kg (44 lb) height: up to 50 cm (1.6 ft)</p>
<p><b>Power supply</b></p> <p><b>Main power supply</b> 5–30 V<sup>==</sup>, up to 184 mW</p> <p>The device is powered by the hub or Superior LineSupply Fibra</p> <p><b>Installation</b></p> <p><b>Operating temperature</b> –10 °C to +40 °C 14 °F to 104 °F</p> <p><b>Operating humidity</b> up to 75%</p>	<p><b>Enclosure</b></p> <p><b>Color</b> white, black</p> <p><b>Dimensions</b> 110 × 67 × 62 mm 4.33" × 2.64" × 2.44"</p> <p><b>Weight</b> 88.8 g 3.13 oz</p> <p><b>Protection class</b> IP50</p> <p><b>Tamper alarm</b></p>	<p><b>Complete set</b></p> <p>Superior CombiProtect Fibra SmartBracket mounting panel Installation kit Quick start guide</p>	<p><b>Sensitivity</b> 3 levels Adjusted by a PRO or a user with admin rights in an Ajax app</p> <p><b>Temperature compensation</b></p>

<sup>1</sup> When the detector is correctly installed and configured.



For detailed information, scan the QR code or follow the link:  
[ajax.systems/support/devices/superior-combiprotect-fibra/](https://ajax.systems/support/devices/superior-combiprotect-fibra/)

-  [support@ajax.systems](mailto:support@ajax.systems)
-  [@AjaxSystemsSupport\\_Bot](https://twitter.com/AjaxSystemsSupport_Bot)
-  [ajax.systems](https://www.ajax.systems)