

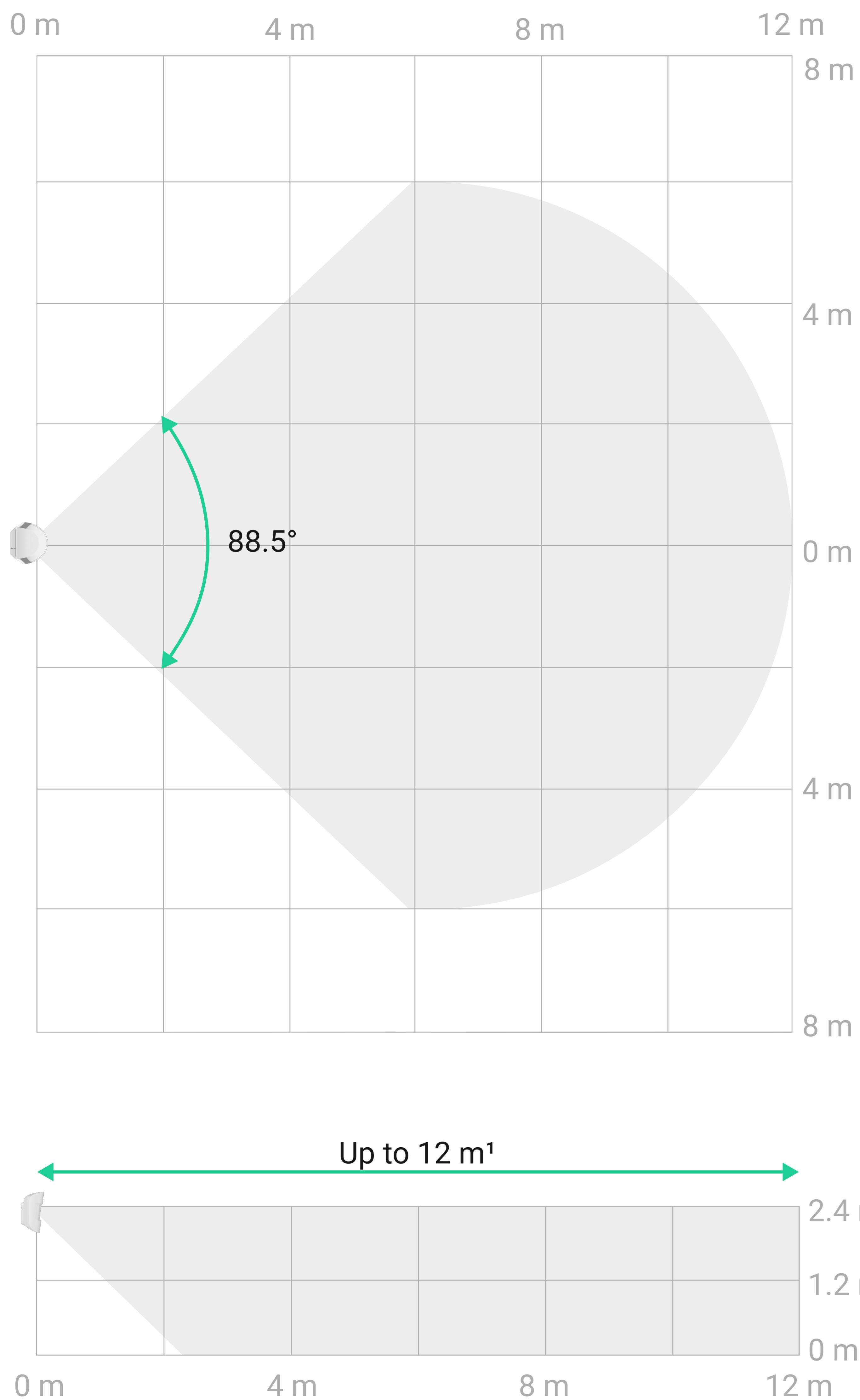
Superior MotionProtect Plus Fibra

Wired PIR motion detector with an additional K-band microwave sensor

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



- 2 GRADE EN 50131
- PD 6662 2017
- INCERT
- SSF
- NFA2P



↗ Enhanced motion detection

- Two built-in sensors: PIR sensor and K-band microwave sensor
- Motion detection¹ distance: up to 12 m (39 ft)
- Horizontal motion detection angle: 88.5°
- Temperature compensation: -10 °C to +40 °C (14 °F to 104 °F) for effective motion detection

🚫 False alarm prevention

- Dual motion detection technology: the device is triggered only when both sensors detect motion
- Three sensitivity levels configurable via Ajax apps
- SmartDetect algorithm to prevent false alarms
- Pet immunity to ignore pets weighing up to 20 kg (44 lb) and below 50 cm (1.6 ft) in height

💎 Fibra communication technology

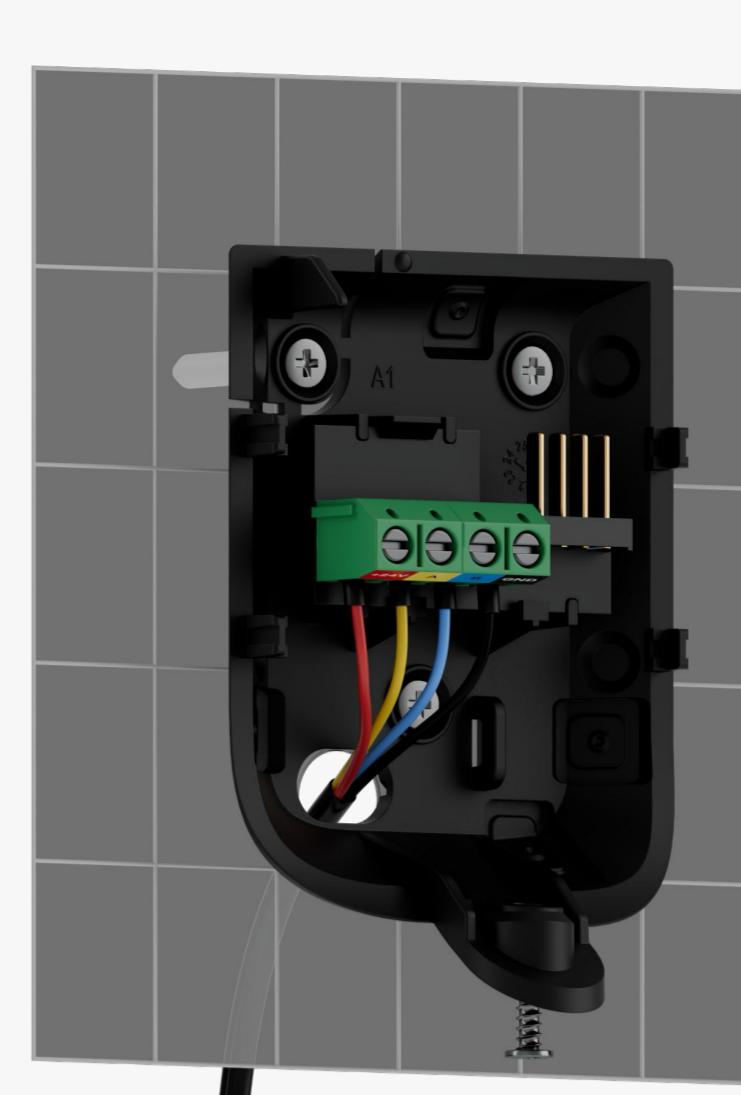
- Up to 2,000 m (6,550 ft) of secure two-way wired communication
- Data encryption throughout the transmission
- Regular polling to display the current device state
- One line for different types of devices

🔒 Sabotage protection

- Tamper alarm to notify users of device dismantling
- Fixing point to attach the SmartBracket mounting panel with a screw
- Device authentication to prevent spoofing
- Connection loss detection

Quick 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 enclosure disassembly
- Removable terminal board
- Installation kit with all necessary fasteners



Compliance with standards	Compatibility with hubs	Communication with a hub	Motion detection
EN 50131 (Grade 2) PD 6662:2017 INCERT SSF NFA2P	Compatibility with hubs For detailed information, scan the QR code or follow the link:  ajax.systems/tools/devices-compatibility/?models=MPP.F	Communication with a hub Fibra communication technology Wired connection U/UTP cat.5 4x2x0.51 mm (24 AWG) cable, copper conductor 4x0.22 mm ² signal cable, copper conductor Communication range up to 2,000 m up to 6,550 ft With U/UTP cat.5 4x2x0.51 mm (24 AWG) cable	Sensitive element 1 x PIR sensor 1 x K-band microwave sensor Motion detection range ¹ up to 12 m up to 39 ft Motion detection angle horizontal: 88.5° Sensitivity 3 levels Adjusted by a PRO or a user with admin rights in an Ajax app Pet immunity weight: up to 20 kg (44 lb) height: up to 50 cm (1.6 ft) SmartDetect Software algorithm for preventing false alarms
Power supply	Installation	Enclosure	Complete set
Main power supply 5–30 V [—] , up to 187 mW The device is powered by the hub or Superior LineSupply Fibra	Operating temperature -10 °C to +40 °C 14 °F to 104 °F Operating humidity up to 75%	Color white, black Dimensions 110 x 67 x 62 mm 4.33" x 2.63" x 2.44" Weight (device in black) 86 g 3.03 oz Weight (device in white) 98 g 3.46 oz Protection class IP50	Superior MotionProtect Plus Fibra SmartBracket mounting panel Installation kit Quick start guide

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-plus-fibra/

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