

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.



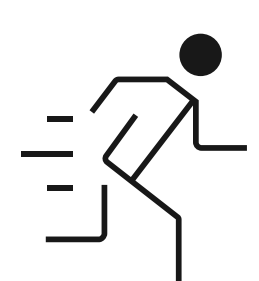
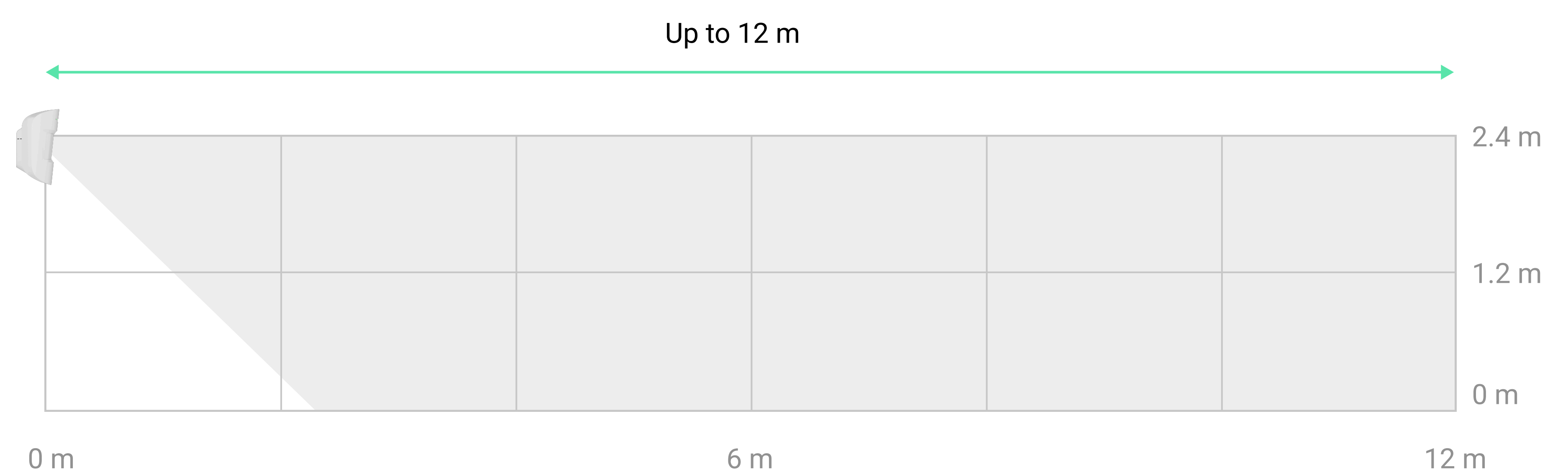
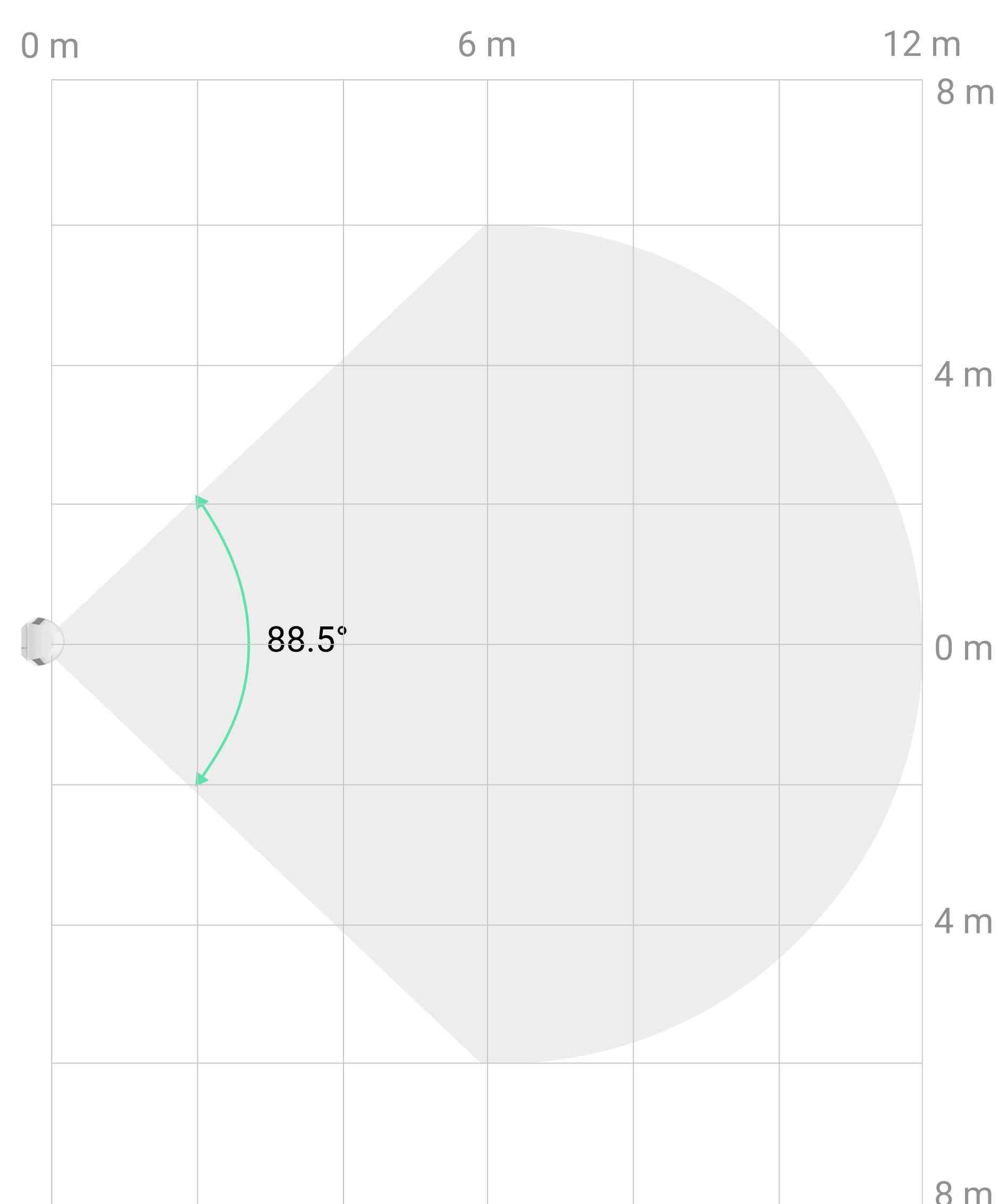
2
GRADE
EN 50131

PD 6662
2017

INCERT

SSF

NFA2P



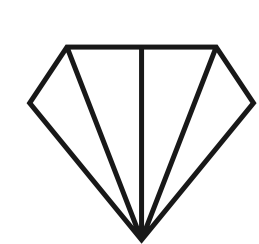
Efficient motion detection

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



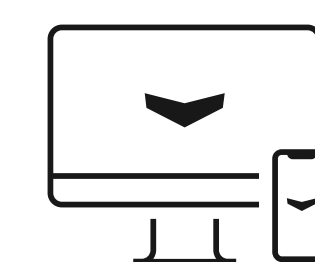
False alarm prevention

- 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



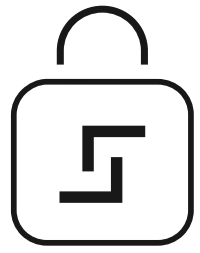
Fibra communication technology

- 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



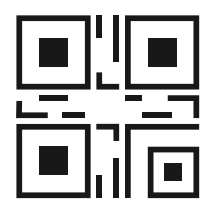
State monitoring

- 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

Compliance with standards 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=MP.Y.F	Communication with a hub Fibra communication technology Wired connection U/UTP cat.5 4×2×0.51 mm (24 AWG) cable, copper conductor 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	Detection Sensitive element 1 × PIR sensor Motion detection range¹ up to 12 m (39 ft) Motion viewing angle horizontal: 88.5° Three sensitivity levels selectable in Ajax apps Pet immunity weight: up to 20 kg (44 lb) height: up to 50 cm (1.6 ft) SmartDetect digital algorithm for preventing false alarms
Power supply Fibra line 5–30 V $\overline{=}$, up to 25 mW The hub or a Superior LineSupply Fibra module powers the detector	Installation Operating temperature range from –10 °C to +40 °C from 14 °F to 104 °F Operating humidity up to 75% Protection class IP50 Recommended installation height 2.4 m 7.9 ft	Enclosure Color white, black Dimensions 110 × 65 × 50 mm 4.33" × 2.56" × 1.97" Weight 75 g 2.64 oz Tamper alarm	Complete set Superior MotionProtect 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-fibra

- ✉ support@ajax.systems
- 📍 @AjaxSystemsSupport_Bot
- 🌐 ajax.systems