

Superior MotionProtect Plus G3 Fibra

Wired IR motion detector with an additional K-band microwave sensor and anti-masking system

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



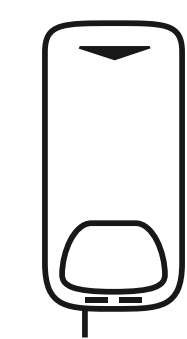
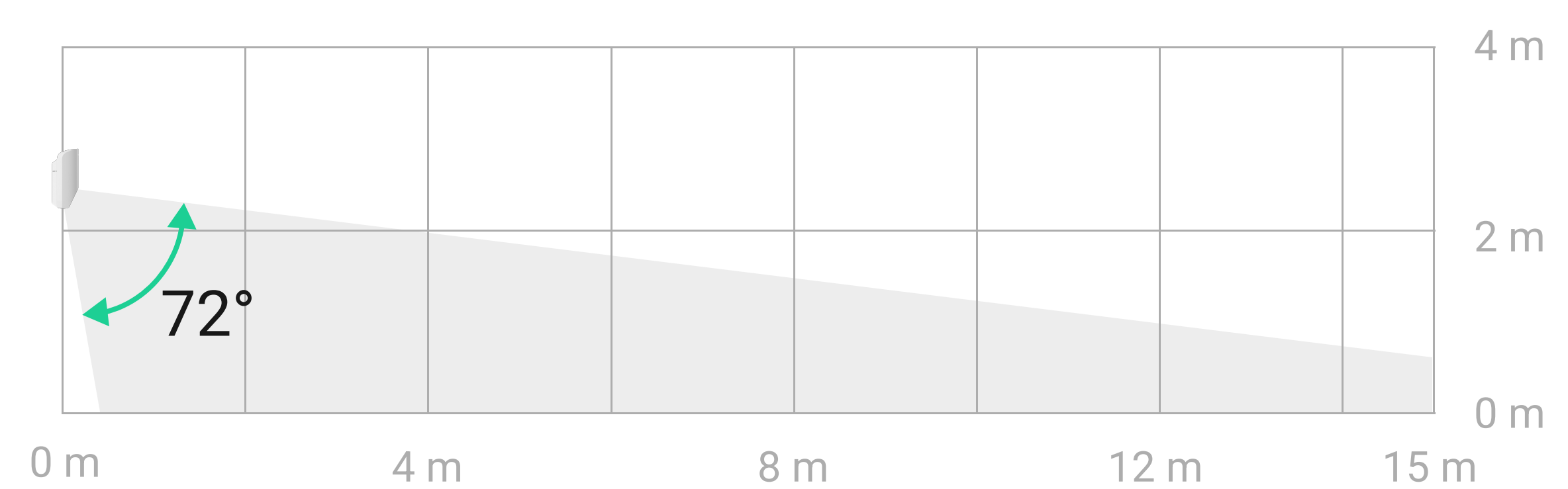
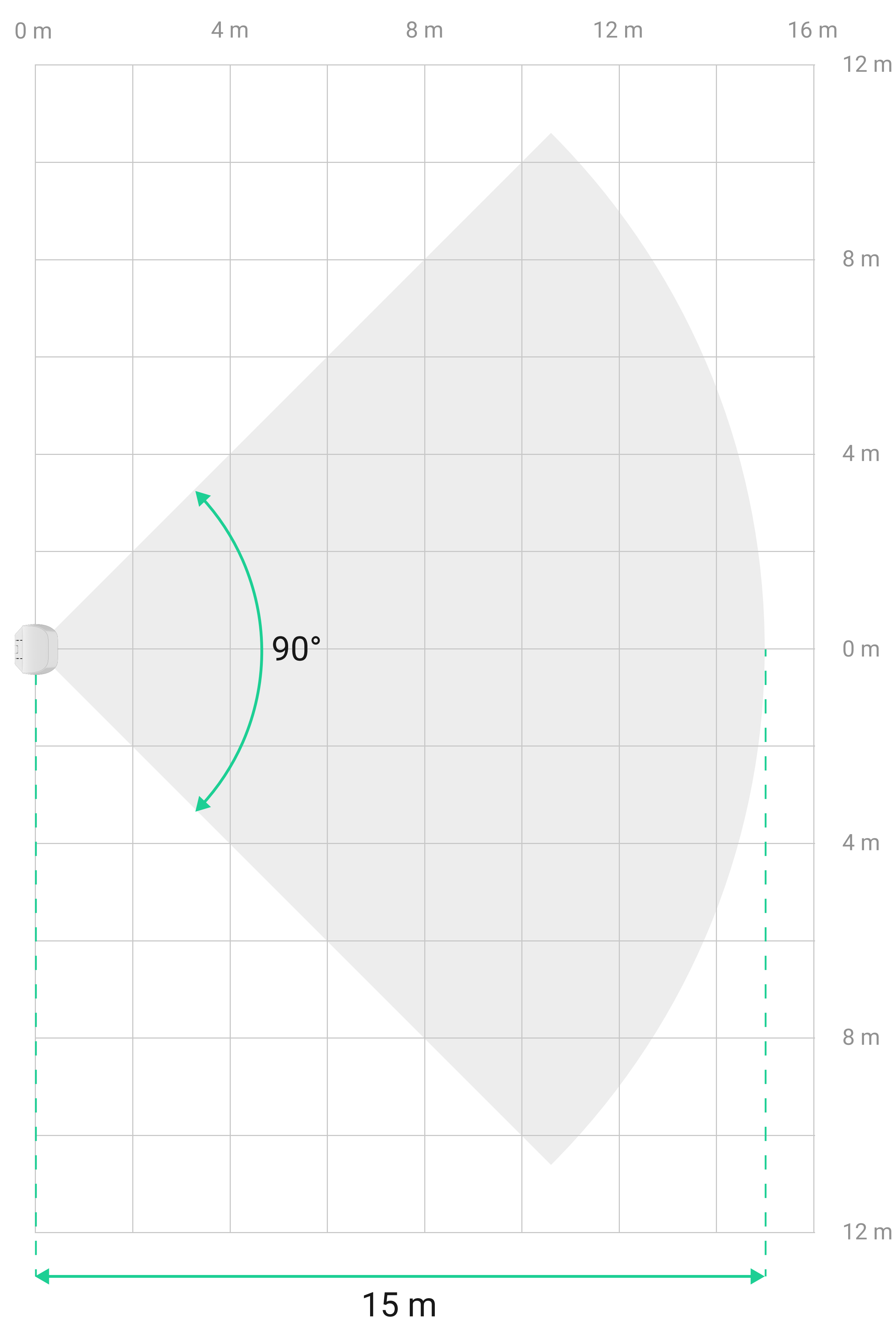
3
GRADE
EN 50131

IN PROGRESS

PD 6662
2017

SSF

IN PROGRESS



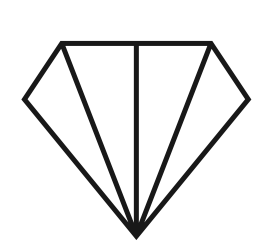
Enhanced motion detection

- Detection distance of up to 15 m (49 ft)
- Reduced blind zone with detecting a crawling person at a distance of up to 50 cm (1.6 ft) between the detector and the person
- Focusing IR radiation on a PIR sensor by a proprietary mirror system



False alarm prevention

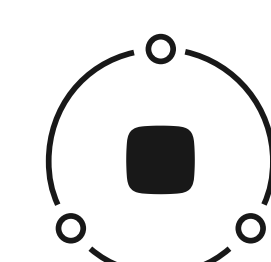
- Dual motion detection technology
- K-band microwave sensor prevents false alarms caused by IR interference
- SmartDetect software algorithm instantly identifies false alarm markers



Fibra

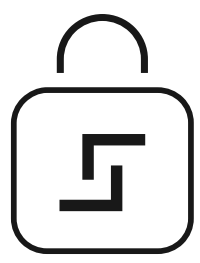
communication technology

- Up to 2,000 m (6,550 ft) of two-way encrypted communication
- Device authentication to prevent forgery
- Data encryption against spoofing
- Polling to display device status in real time



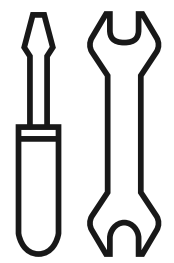
System supervision

- Self-test of all sensitive elements to ensure the device is functioning properly
- Instant reporting of any malfunctions and connection losses to PROs and users



Sabotage and masking resistance

- Three tamper buttons
- Protection against short circuits
- Connection loss detection
- All types of masking required by Grade 3 are detected, including hindering, covering, and painting the lens



Effortless installation and configuration

- Pairing with a hub via Fibra line scanning or a QR code
- Remote configuring via a smartphone or desktop app
- Installation and replacement without disassembling the enclosure

Superior MotionProtect Plus G3 Fibra does not have a pet immunity feature.

Compliance with standards EN 50131 (Grade 3) (in progress) PD 6662:2017 SSF (in progress) Compatibility with hubs  For detailed information, scan the QR code or follow the link: ajax.systems/tools/devices-compatibility/?models=MP.G3.F	Communication with a hub Fibra communication technology Communication range up to 2,000 m up to 6,550 ft with U/UTP cat.5, 4×2×0.51 cable	Motion detection Sensitive elements 1 × PIR sensor 1 × K-band microwave sensor Operation frequency 24 GHz Motion detection distance from 0.5 to 15 m from 1.6 to 49 ft When installed at a height of 2.4 m (7.9 ft) Motion detection angles vertical: 72° horizontal: 90° Motion detection speed from 0.1 to 4 m/s from 0.3 to 13.1 ft/s	Power supply Fibra line 7–30 V$\overline{=}$, up to 90 mW The hub or a Superior LineSupply Fibra module powers the detector.
Enclosure Color white Dimensions 120 × 62 × 52 mm 4.72" × 2.44" × 2.05" Weight 156 g	Installation Operating temperature range from –10 °C to +40 °C from 14 °F to 104 °F Operating humidity up to 75% Protection class IP30 Installation height 2.4 m 7.9 ft	Complete set Superior MotionProtect Plus G3 Fibra SmartBracket mounting panel Installation kit Quick start guide	



For detailed information, scan the QR code or follow the link:
ajax.systems/support/devices/superior-motionprotect-plus-g3-fibra/

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