

# Superior MotionProtect G3 Fibra

Wired PIR motion detector with an anti-masking system

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



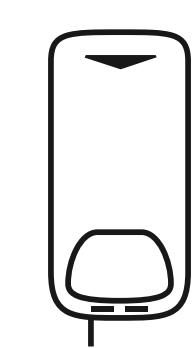
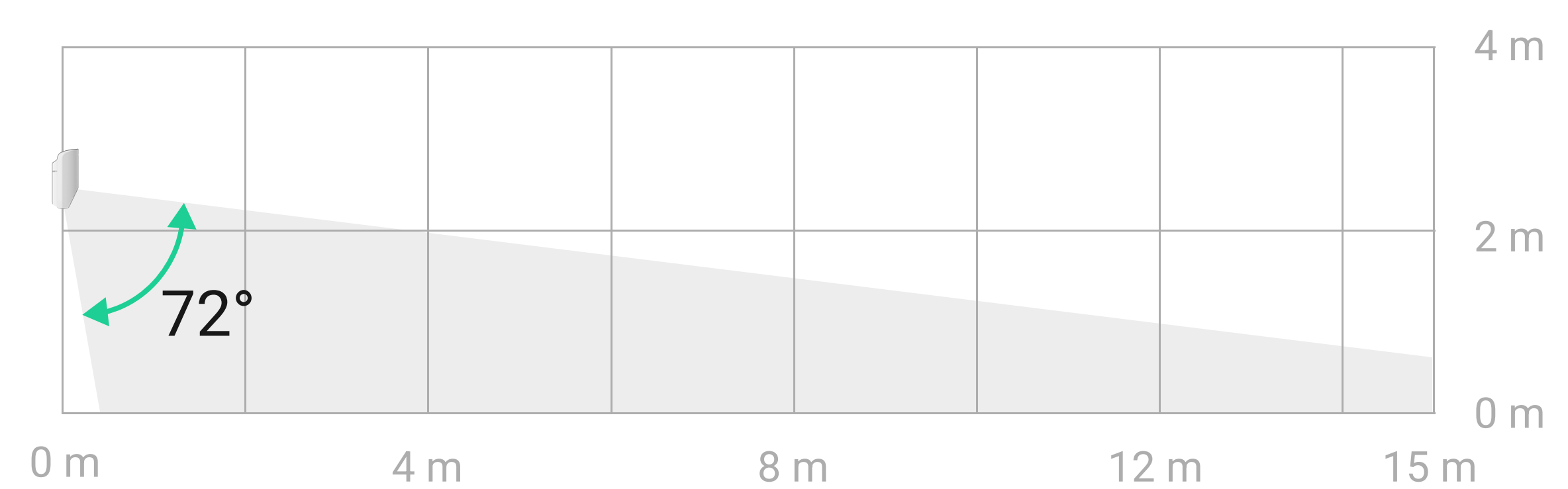
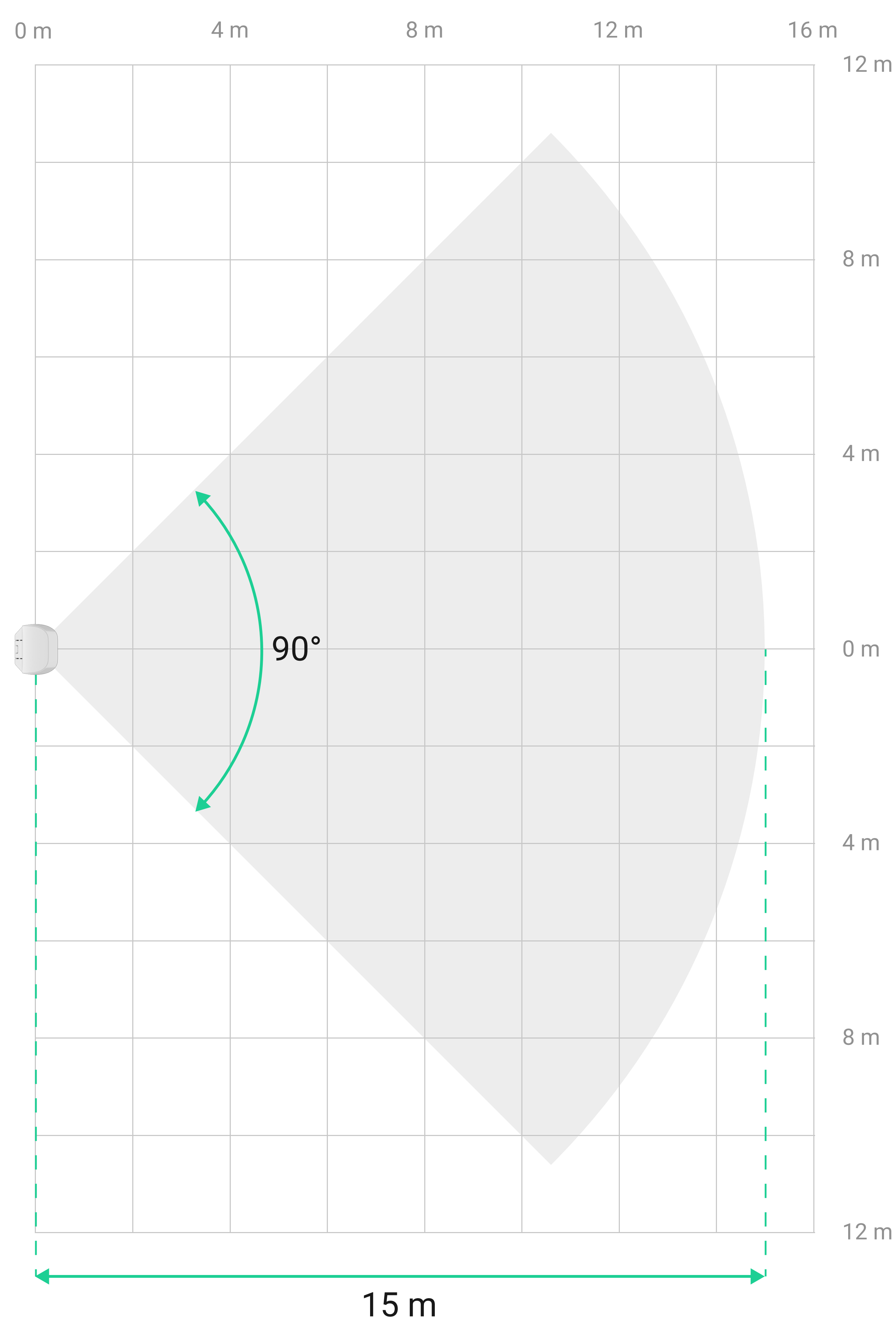
3  
GRADE  
EN 50131

IN PROGRESS

PD 6662  
2017

SSF

IN PROGRESS



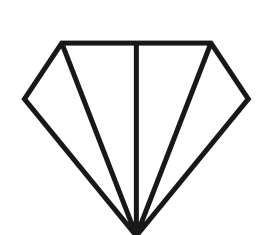
## Enhanced motion detection

- Up to 15 m (49 ft) of motion detection distance
- 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
- Accurate response to both slow and fast movements
- Focusing IR radiation on a PIR sensor with a proprietary mirror system



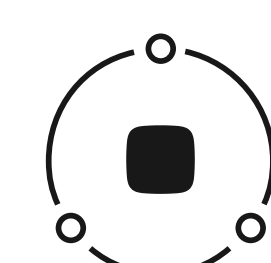
## False alarm prevention

- Anti-masking system with adjustable sensitivity level
- Instant identification of false alarm markers with the SmartDetect software algorithm



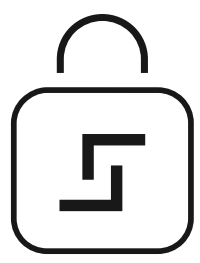
## Fibra communication technology

- Up to 2,000 m (6,550 ft) of two-way encrypted communication
- Device authentication to prevent sabotage
- Data encryption to prevent spoofing
- Regular polling to display device states in real time



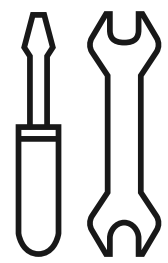
## System supervision

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



## Sabotage and masking protection


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



## Effortless installation and configuration

- Pairing with a hub by scanning the QR code or through Fibra line scanning
- Remote configuring via a smartphone or desktop app
- Installing and maintenance without disassembling the enclosure

Superior MotionProtect G3 Fibra does not support a pet immunity feature.

<b>Compliance with standards</b>  EN 50131 (Grade 3) (in progress) PD 6662:2017 SSF (in progress)	<b>Compatibility with hubs</b>    For detailed information, scan the QR code or follow the link: <a href="https://ajax.systems/tools/devices-compatibility/?models=MP.G3.F">ajax.systems/tools/devices-compatibility/?models=MP.G3.F</a>	<b>Communication with a hub</b>  Fibra communication technology  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	<b>Motion detection</b>  Sensitive elements 1 × PIR 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
<b>Power supply</b>  Fibra line 7–30 V $\overline{=}$ , up to 90 mW  The hub or a Superior LineSupply Fibra module powers the detector	<b>Installation</b>  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	<b>Enclosure</b>  Color white  Dimensions 120 × 62 × 52 mm 4.72" × 2.44" × 2.05"  Weight TBC	<b>Complete set</b>  Superior MotionProtect 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-g3-fibra](https://ajax.systems/support/devices/superior-motionprotect-g3-fibra)

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