

# Superior MotionProtect 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

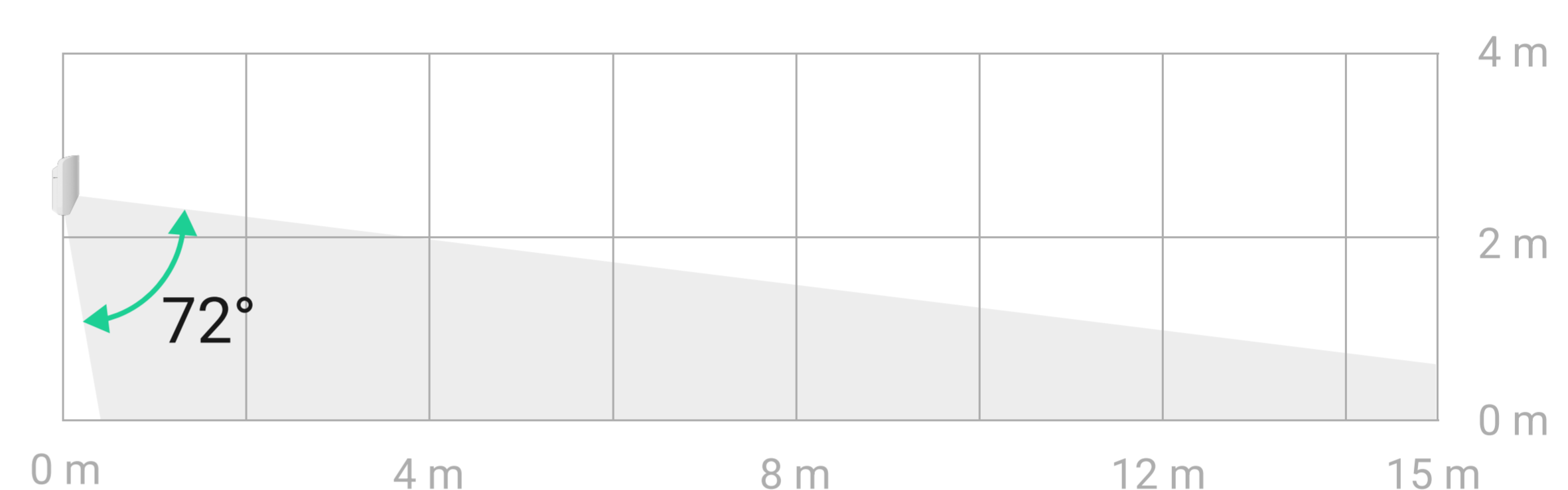
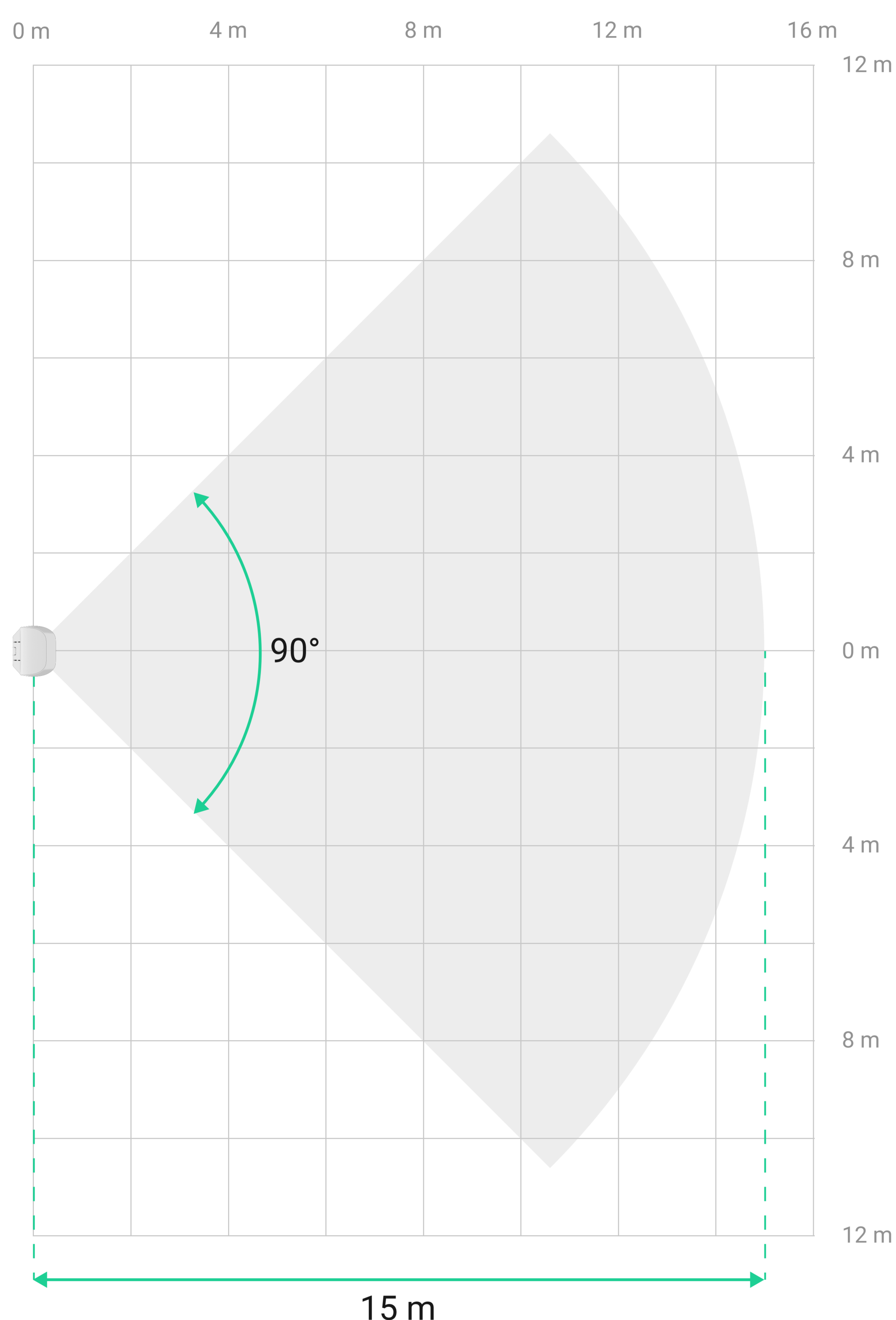
PD 6662  
2017

INCERT

IN PROGRESS

SSF

IN PROGRESS



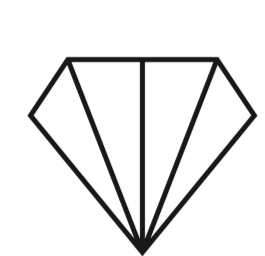
## Enhanced motion detection

- 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

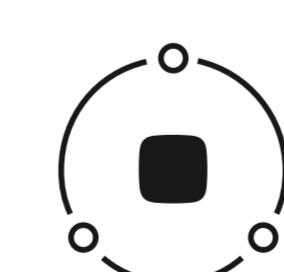
- Dual motion detection technology
- K-band microwave sensor prevents false alarms caused by IR interference
- SmartDetect software algorithm instantly identifies false alarm markers



## Fibra

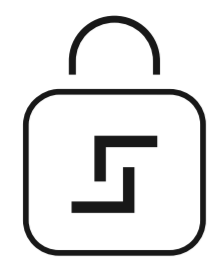
communication technology

- 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



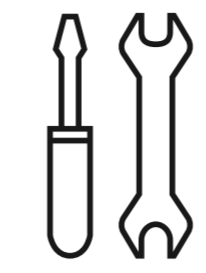
## System supervision

- 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 G3 Fibra does not have a pet immunity feature.

<p><b>Compliance with standards</b></p> <p>EN 50131 (Grade 3) PD 6662:2017 INCERT (in progress) SSF (in progress)</p> <p><b>Compatibility</b></p> <p><b>Hubs</b> Hub Hybrid (2G) Hub Hybrid (4G)</p>	<p><b>Communication with a hub</b></p> <p>Fibra communication technology</p> <p><b>Communication range</b> up to 2,000 m up to 6,550 ft with U/UTP cat.5, 4x2x0.51 cable</p>	<p><b>Motion detection</b></p> <p><b>Sensitive elements</b> 1 × PIR sensor 1 × K-band microwave sensor</p> <p><b>Operation frequency</b> 24 GHz</p> <p><b>Motion detection distance</b> from 0.5 to 15 m from 1.6 to 49 ft When installed at a height of 2.4 m (7.9 ft)</p> <p><b>Motion detection angles</b> vertical: 72° horizontal: 90°</p> <p><b>Motion detection speed</b> from 0.1 to 4 m/s from 0.3 to 13.1 ft/s</p>	<p><b>Power supply</b></p> <p><b>Fibra line</b> 7-30 V<math>\overline{=}</math>, up to 90 mW</p> <p>The hub or a LineSupply Fibra module powers the detector.</p>
<p><b>Enclosure</b></p> <p><b>Color</b> white</p> <p><b>Dimensions</b> 120 × 62 × 52 mm 4.72" × 2.44" × 2.05"</p> <p><b>Weight</b> TBC</p>	<p><b>Installation</b></p> <p><b>Operating temperature range</b> from -10 °C to +40 °C from 14 °F to 104 °F</p> <p><b>Operating humidity</b> up to 75%</p> <p><b>Protection class</b> IP30</p> <p><b>Installation height</b> 2.4 m 7.9 ft</p>	<p><b>Complete set</b></p> <p>Superior MotionProtect G3 Fibra SmartBracket mounting panel Installation kit Quick start guide</p>	



For detailed information, scan the QR code or follow the link:

[ajax.systems/support/devices/motionprotect-g3-fibra](https://ajax.systems/support/devices/motionprotect-g3-fibra)

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