



# Superior MotionProtect Plus G3 Fibra

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

Ajax Superior products are available exclusively to accredited Ajax Systems partners for sales, installation, and maintenance, creating a protected, high-value revenue channel.



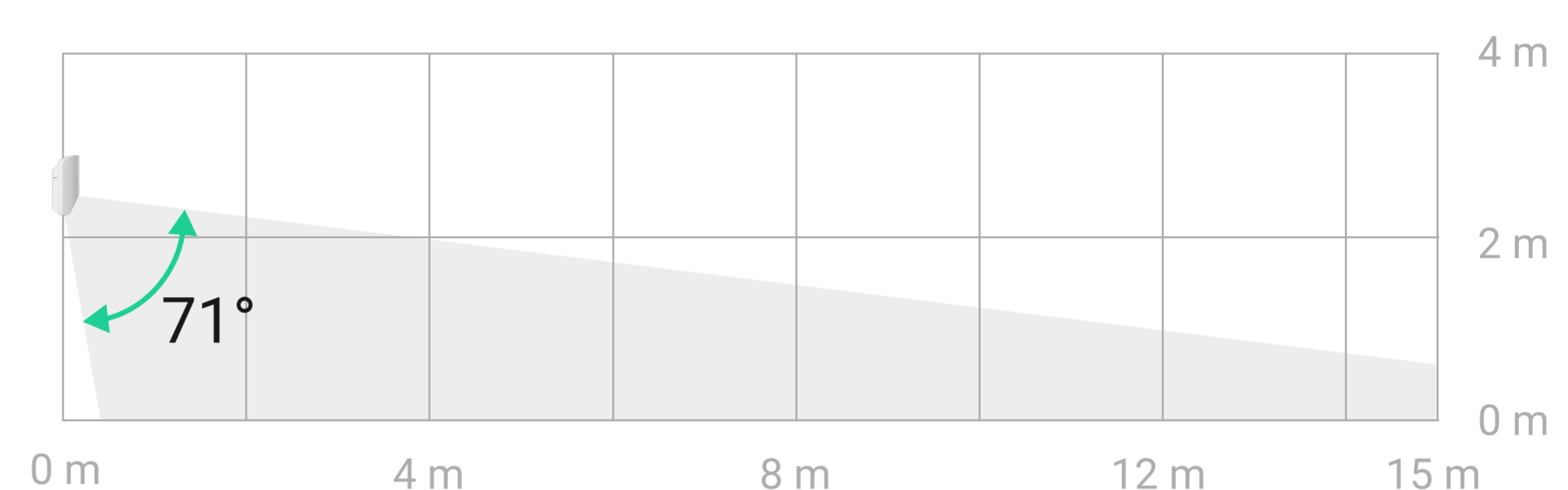
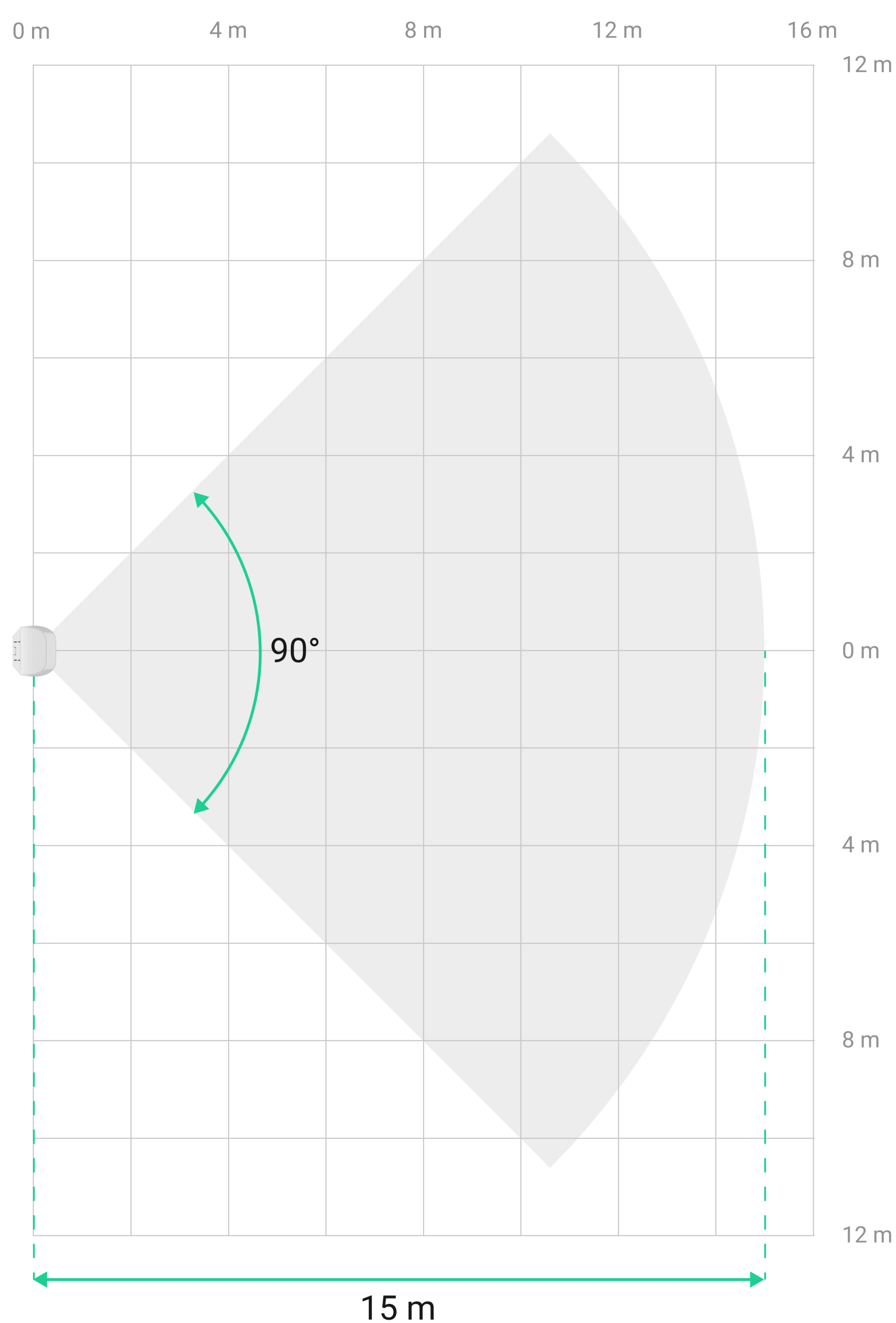
3  
GRADE  
EN 50131

PD 6662  
2017

INCERT

SSF

IN PROGRESS



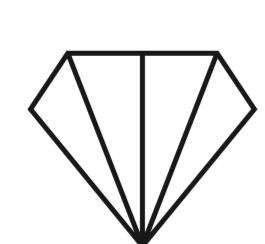
## Enhanced motion detection

- 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



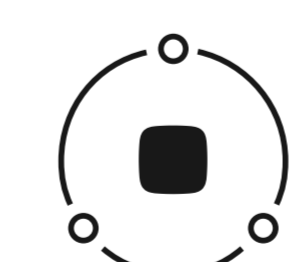
## False alarm prevention

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



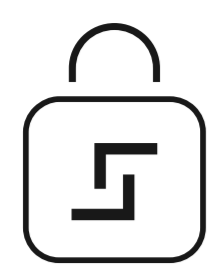
## Fibra communication technology

- 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



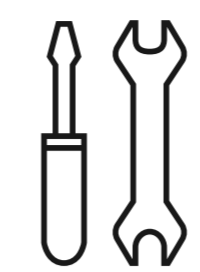
## System supervision

- 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 configuration 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.

<p><b>Compliance with standards</b></p> <p>EN 50131 (Grade 3) PD 6662:2017 INCERT SSF (in progress)</p> <p><b>Compatibility with hubs</b></p>  <p>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></p>	<p><b>Communication with a hub</b></p> <p><b>Fibra communication technology</b></p> <p><b>Wired connection</b> U/UTP cat.5 4x2x0.51 mm (24 AWG) cable, copper conductor</p> <p>4x0.22 mm<sup>2</sup> signal cable, copper conductor</p> <p><b>Communication range</b> up to 2,000 m up to 6,550 ft With a U/UTP cat.5 4x2x0.51 mm (24 AWG) cable</p>	<p><b>Motion detection</b></p> <p><b>Sensitive elements</b> 1 x PIR sensor 1 x 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: 71° 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<sup>DC</sup>, up to 90 mW</p> <p>The hub or a Superior LineSupply Fibra module powers the detector.</p>
<p><b>Enclosure</b></p> <p><b>Color</b> white, black</p> <p><b>Dimensions</b> 120 x 62 x 52 mm 4.72" x 2.44" x 2.05"</p> <p><b>Weight</b> 156 g</p> <p><b>Protection class</b> IP30</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>Installation height</b> 2.4 m 7.9 ft</p>	<p><b>Complete set</b></p> <p>Superior MotionProtect Plus G3 Fibra</p> <p>SmartBracket mounting panel</p> <p>Installation kit</p> <p>Quick start guide</p>	



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

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



support@ajax.systems



@AjaxSystemsSupport\_Bot



ajax.systems