

MotionProtect Plus Fibra

Wired indoor IR motion detector with additional K-band microwave sensor to filter thermal interferences.



2
GRADE
EN 50131

PD 6662
2017

INCERT

SSF



The device is compatible only with hubs supporting Fibra protocol. Find the detailed information by QR code or the link:

<https://ajax.systems/support/devices/motionprotect-plus-fibra/>

MotionProtect Plus Fibra is the device of the new Fibra wired product line. Such devices can only be purchased, installed and administered by accredited Ajax Systems partners.



Up to 12 m detection distance and 88.5°/80° viewing angles



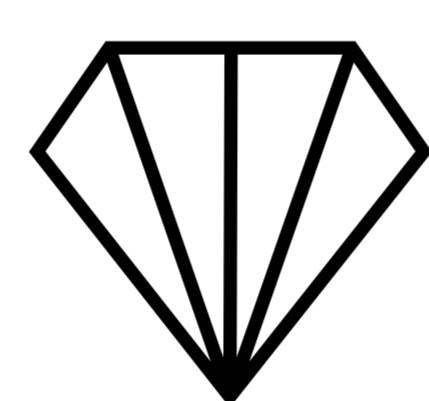
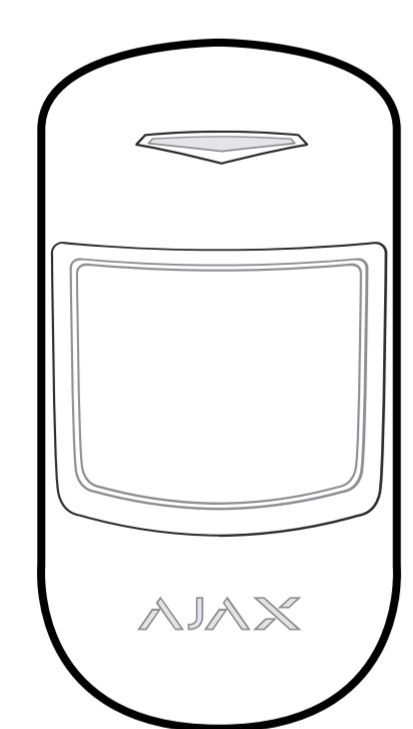
Additional K-band microwave sensor to filter thermal interferences



SmartDetect software algorithm to prevent false alarms

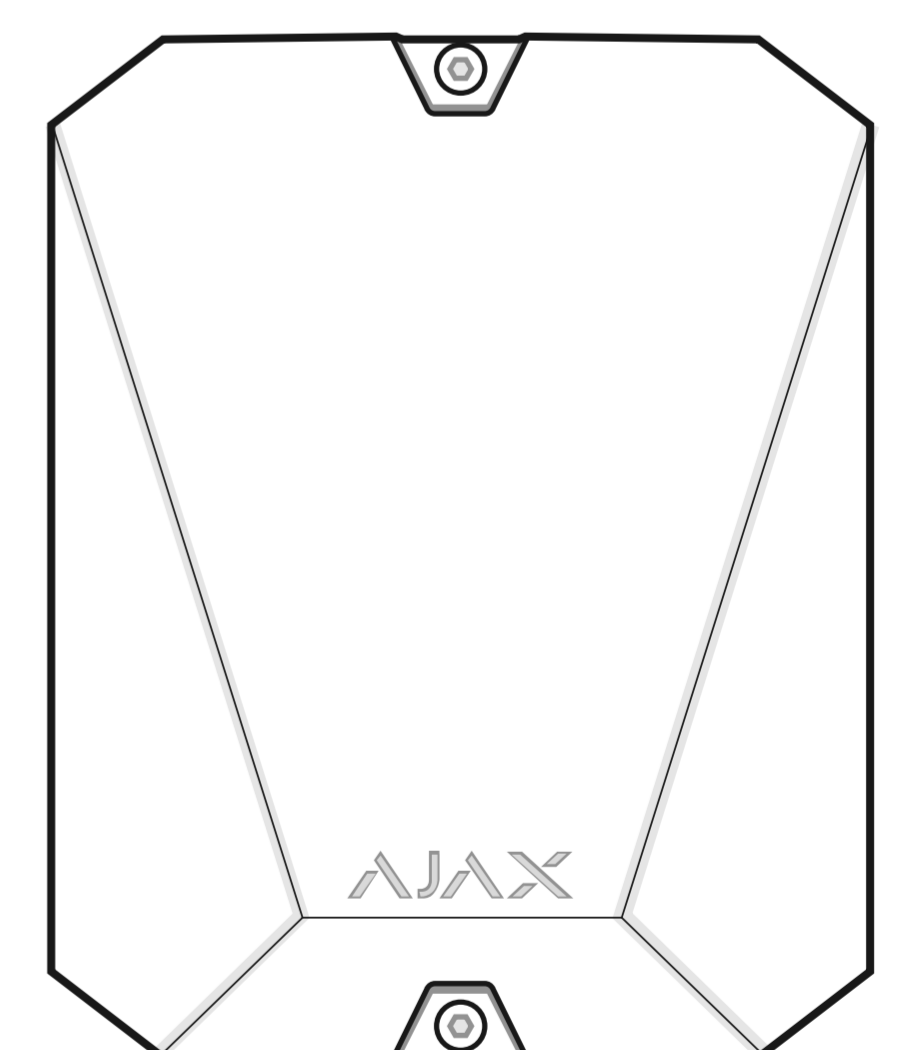


Immunity to pets weighing of up to 20 kg and below 50 cm height



Fibra

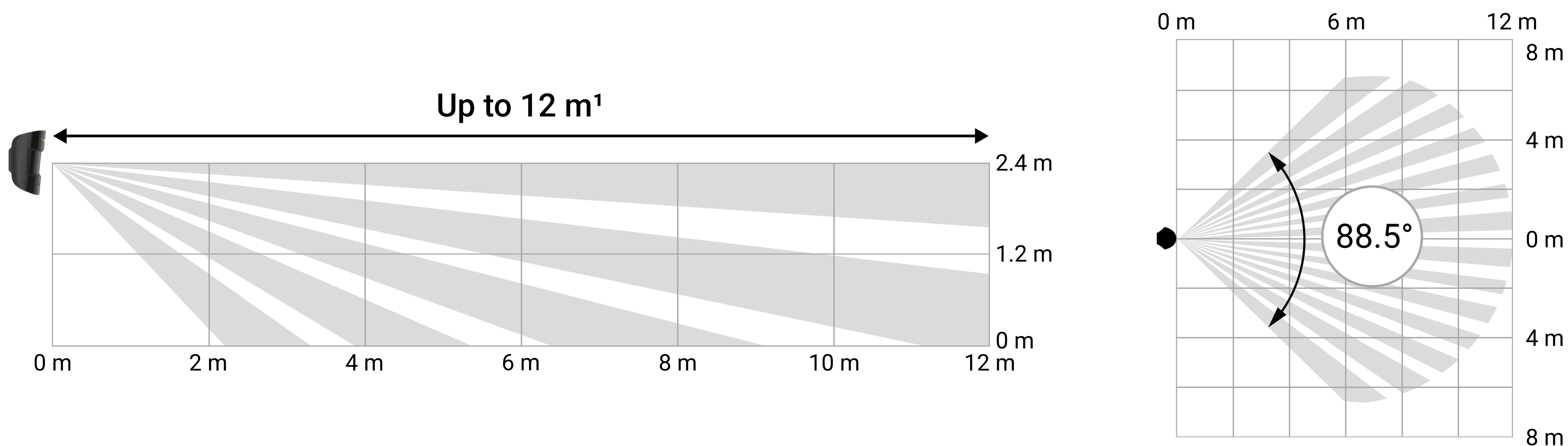
communication technology



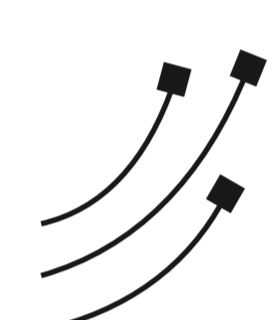
Fibra is a **two-way wired protocol**, ensuring fast and secure communication between hubs and devices. Based on a **bus connection method**, Fibra delivers instant data-rich alarms: security companies and users know which device was triggered, when and where it happened.

Fibra features **encryption** and **authentication** to prevent forgery, as well as **polling** to display device's status in real time. Supporting **up to 2,000 m** of wired connectivity, Fibra is ready to protect any facilities, and deliver **the best user experience** for both end users and installers.

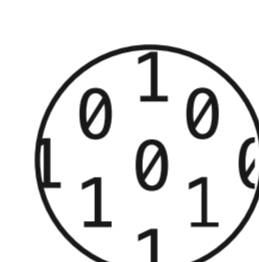
PIR sensor viewing angles



System features



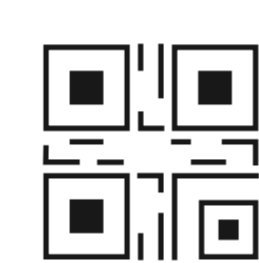
Connecting to the hub via bus method



Up to 2,000 m of two-way encrypted communication

12-300
sec

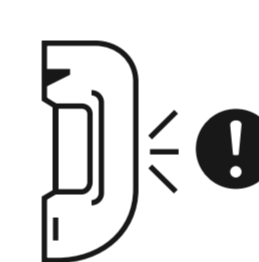
Adjustable polling interval



Adding to the security system via QR code or bus scanning




Remote configuring via the smartphone or desktop app



Tampering alarm notification

Technical specifications

Compliance with standards	EN 50131 (Grade 2) PD 6662:2017 INCERT SSF	Compatibility	Hubs Hub Hybrid (2G) Hub Hybrid (4G) Range extenders no
Communication with control panel	 Fibra communication technology	Motion detection	Sensitive elements PIR sensor K-band microwave sensor

<p>Communication with control panel</p> <p>Communication range up to 2,000 m With U/UTP cat.5, 4×2×0.51 cable</p> <p>Polling interval 12–300 sec Adjusted by PRO or user with admin rights in the Ajax app</p>	<p>Motion detection</p> <p>Motion detection distance up to 12 m¹</p> <p>Detection angles horizontal – 88.5° vertical – 80°</p> <p>Sensitivity 3 levels Adjusted by PRO or user with admin rights in the Ajax app</p> <p>Pet immunity weight: up to 20 kg height: up to 50 cm SmartDetect software algorithm filtering false alarms</p>
<p>Power supply</p> <p>24 V⁼⁼, up to 50 μA</p>	<p>Installation</p> <p>Operating temperature range from –10°C to +40°C</p> <p>Operating humidity up to 75%</p> <p>Protection class IP50</p>
<p>Casing</p> <p>Colour white, black</p> <p>Dimensions 110 × 67 × 62 mm</p> <p>Weight 86 g</p> <p>Tampering alarm yes</p>	<p>Complete set</p> <p>MotionProtect Plus Fibra SmartBracket mounting panel Installation kit Quick start guide</p>

1 – according to INCERT certification, detection range is up to 10 m (high sensitivity).