

MotionProtect Plus Fibra

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



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/>



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GRADE
EN 50131

PD 6662
2017

INCERT

SSF

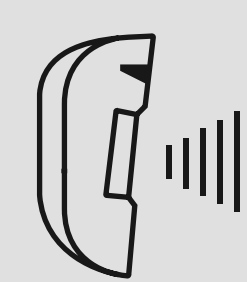
NFA2P



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.



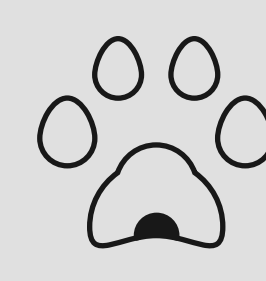
Up to 12 m detection distance and 88.5°/80° viewing angles



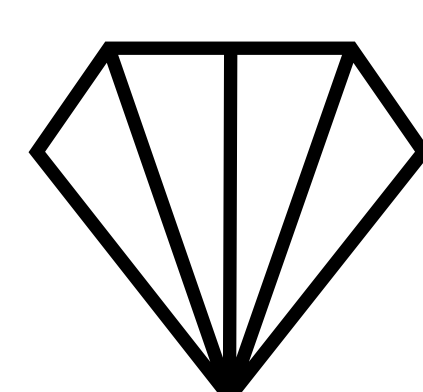
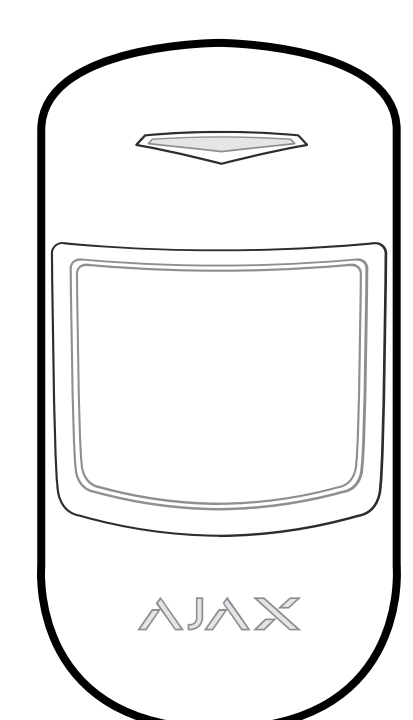
Additional K-band microwave sensor to filter thermal interferences



SmartDetect software algorithm to prevent false alarms

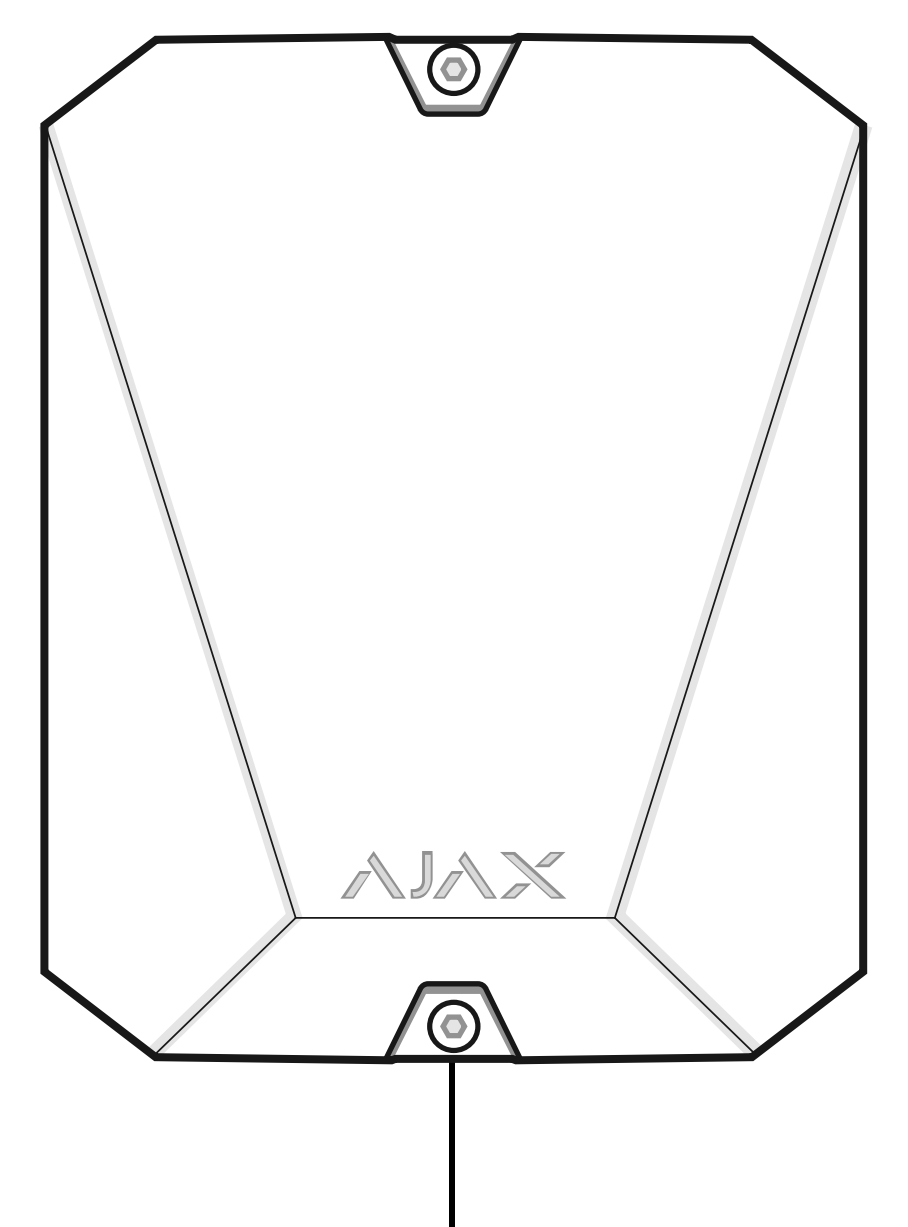


Immunity to pets weighing of up to 20 kg and below 50 cm height



Fibra

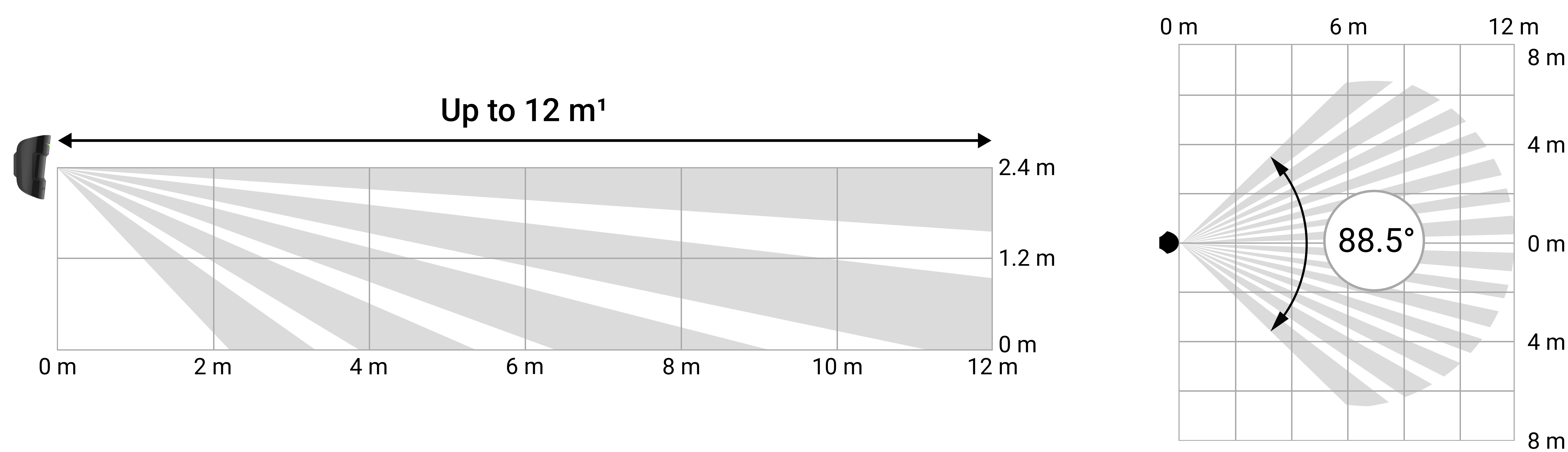
communication technology



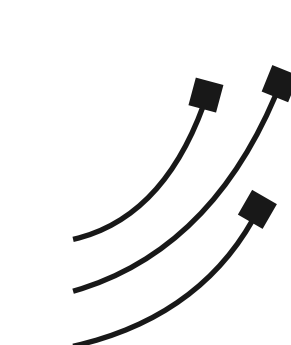
Fibra is a **two-way wired protocol**, ensuring fast and secure communication between hubs and devices. Based on a **bus connection method**, Fibra delivers instant data-rich alarms: security companies and users know which device was triggered, when and where it happened.

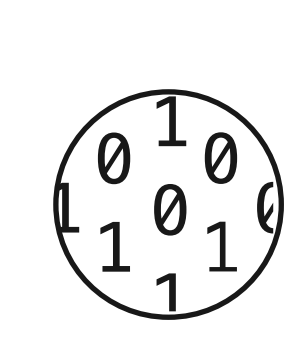
Fibra features **encryption** and **authentication** to prevent forgery, as well as **polling** to display device's status in real time. Supporting **up to 2,000 m** of wired connectivity, Fibra is ready to protect any facilities, and deliver **the best user experience** for both end users and installers.

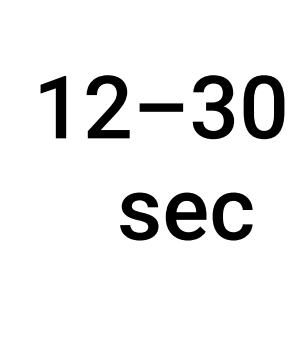
PIR sensor viewing angles

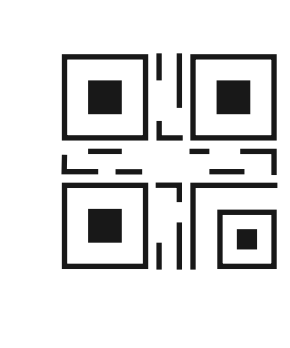


System features

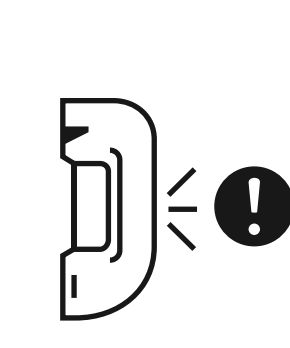
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Connecting to the hub via bus method
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Up to 2,000 m of two-way encrypted communication
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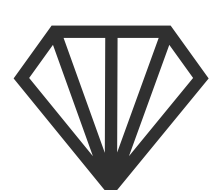
Adjustable polling interval
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Adding to the security system via QR code or bus scanning
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Remote configuring via the smartphone or desktop app
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Tampering alarm notification

Technical specifications

Compliance with standards	EN 50131 (Grade 2) PD 6662:2017 INCERT SSF NFA2P	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

Communication with control panel	Communication range up to 2,000 m With U/UTP cat.5, 4×2×0.51 cable Polling interval 12–300 sec Adjusted by PRO or user with admin rights in the Ajax app	Motion detection	Motion detection distance up to 12 m ¹ Detection angles horizontal – 88.5° vertical – 80° Sensitivity 3 levels Adjusted by PRO or user with admin rights in the Ajax app Pet immunity weight: up to 20 kg height: up to 50 cm SmartDetect software algorithm filtering false alarms
Power supply	24 V $\overline{=}$, up to 50 μ A	Installation	Operating temperature range from –10°C to +40°C Operating humidity up to 75% Protection class IP50
Casing	Colour white, black Dimensions 110 × 67 × 62 mm Weight 86 g Tampering alarm yes	Complete set	MotionProtect Plus Fibra SmartBracket mounting panel Installation kit Quick start guide

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