AJAX

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

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.

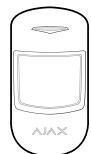Up to 12 m detection distance and 88.5°/80° viewing angles

Additional K-band microwave sensor to filter thermal interferences

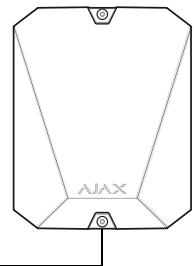SmartDetect software algorithm to prevent false alarms

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

◇ Fibra
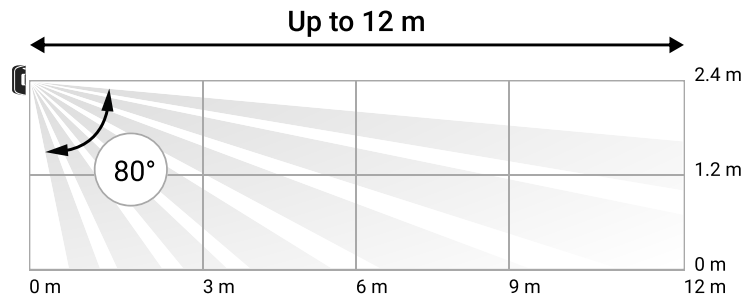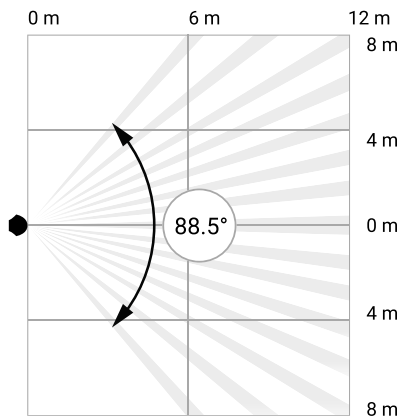## communication technology

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	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* **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⎓, up to 50 μA	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**	Complete set	MotionProtect Plus Fibra SmartBracket mounting panel Installation kit Quick Start Guide

*For INCERT compliance 10m.