



MotionProtect Fibra

Wired indoor IR motion detector



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-fibra/>



MotionProtect 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



88.5° horizontal and 80° vertical viewing angles



SmartDetect software algorithm to prevent false alarms

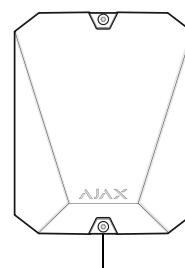


Immunity to pets with a weight of up to 20 kg and height up to 50 cm



Fibra

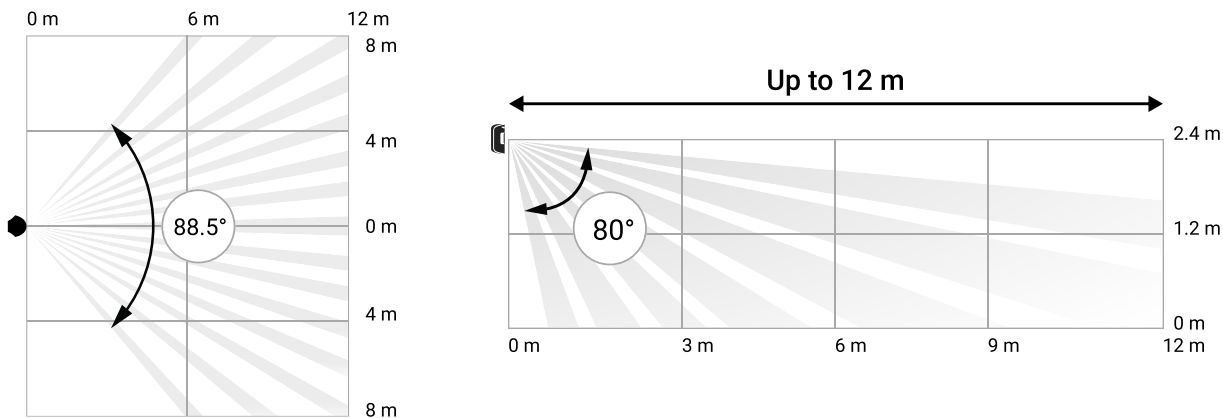
communication technology









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

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 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 Protection against forgery Device authentication	Motion detection	Sensitive element PIR sensor 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 $\overline{=}$, 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 76 g Tampering alarm	Complete set	MotionProtect Fibra SmartBracket mounting panel Installation kit Quick Start Guide

*For INCERT compliance 10m.