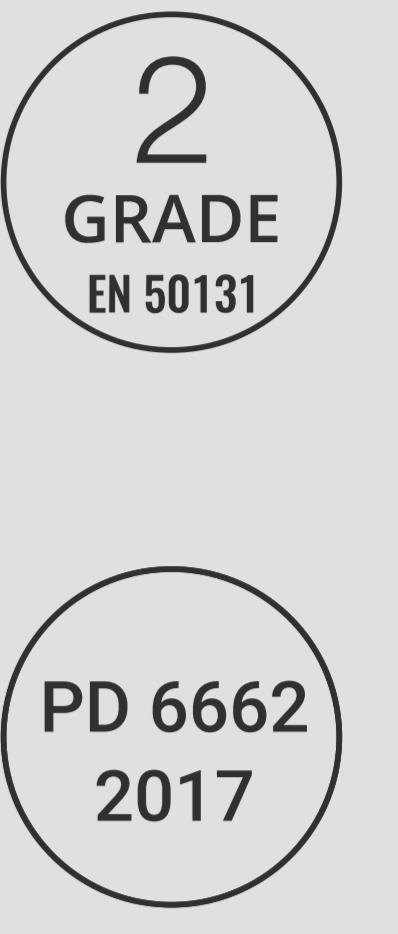


CombiProtect Fibra

Wired combined indoor motion and glass break detector



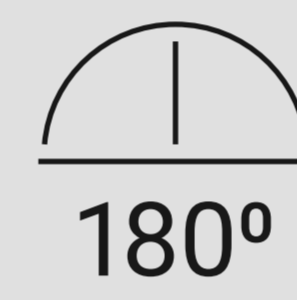
The device is compatible only with hubs supporting Fibra protocol. Find the detailed information by QR code or the link:

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

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



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



Up to 9 m glass break detection distance with 180° horizontal detection angle



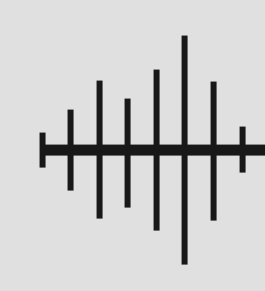
Immunity to pets with a weight of up to 20 kg and height up to 50 cm



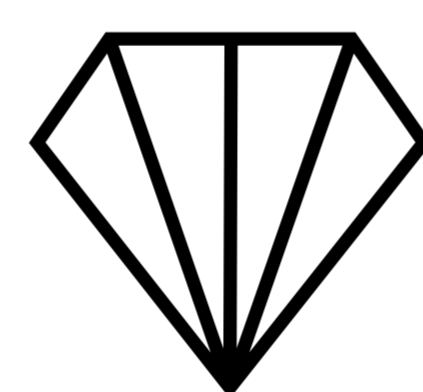
Filter for false alarms caused by dogs barking or the sound of passing trucks



SmartDetect software algorithm to prevent false alarms

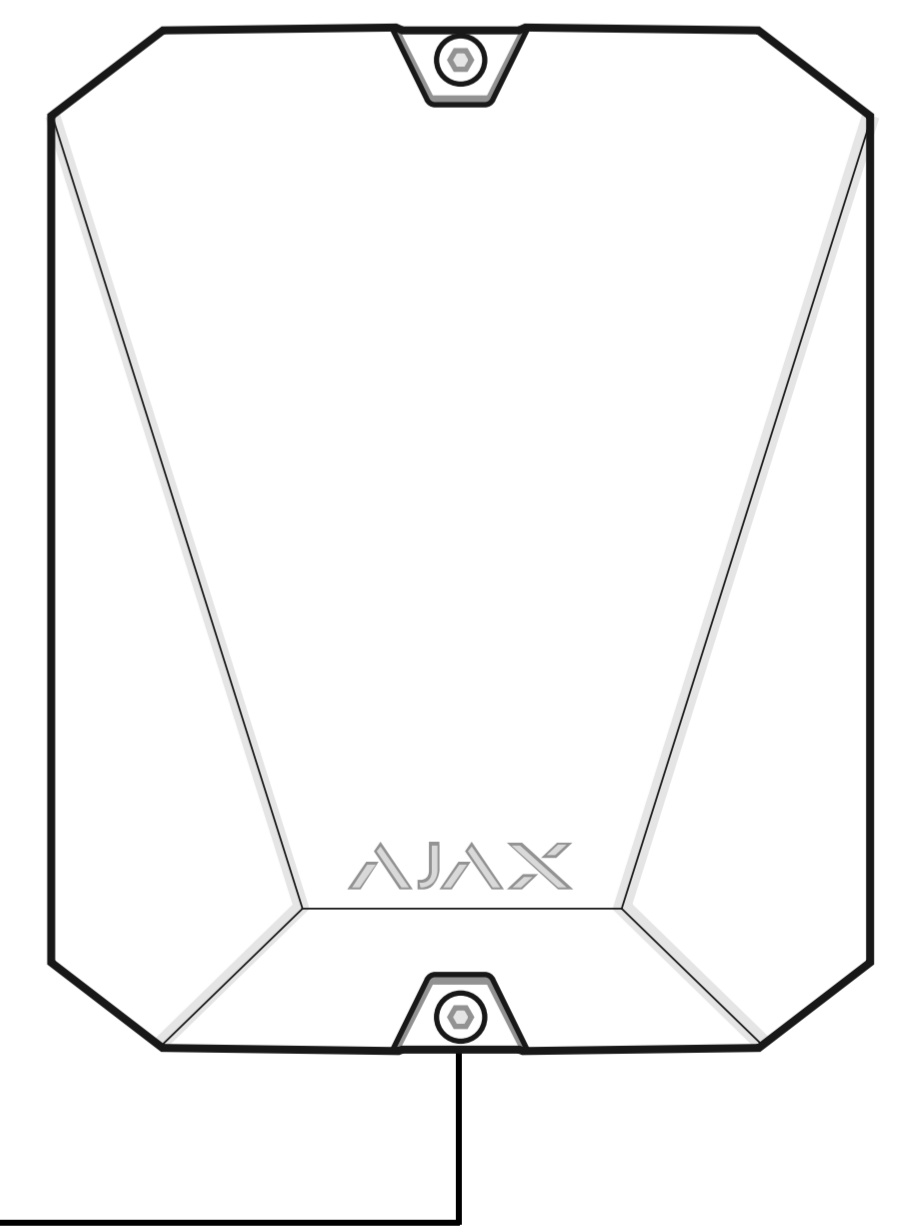


Two-factor glass break verification algorithm: by low and high frequencies



Fibra

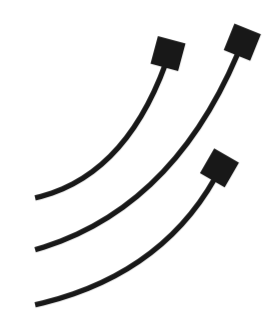
communication technology



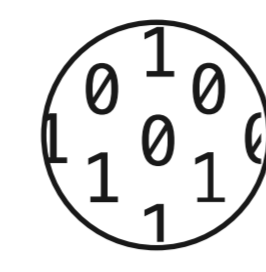
Fibra is a **two-way wired protocol**, ensuring fast and secure communication between hubs and devices. Based on a **bus connection method**, Fibra delivers instant data-rich alarms: security companies and users know which device was triggered, when and where it happened.

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.

System features



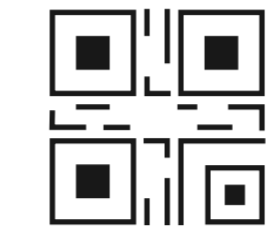
Bus connection method with hub



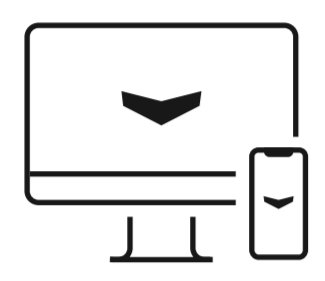
Up to 2,000 m of two-way encrypted communication

12-300
sec

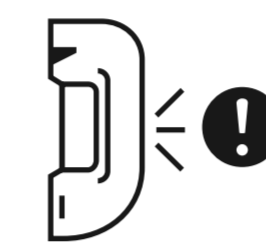
Hub polls connected devices with the lowest possible frequency



Pairing via QR code or bus scanning

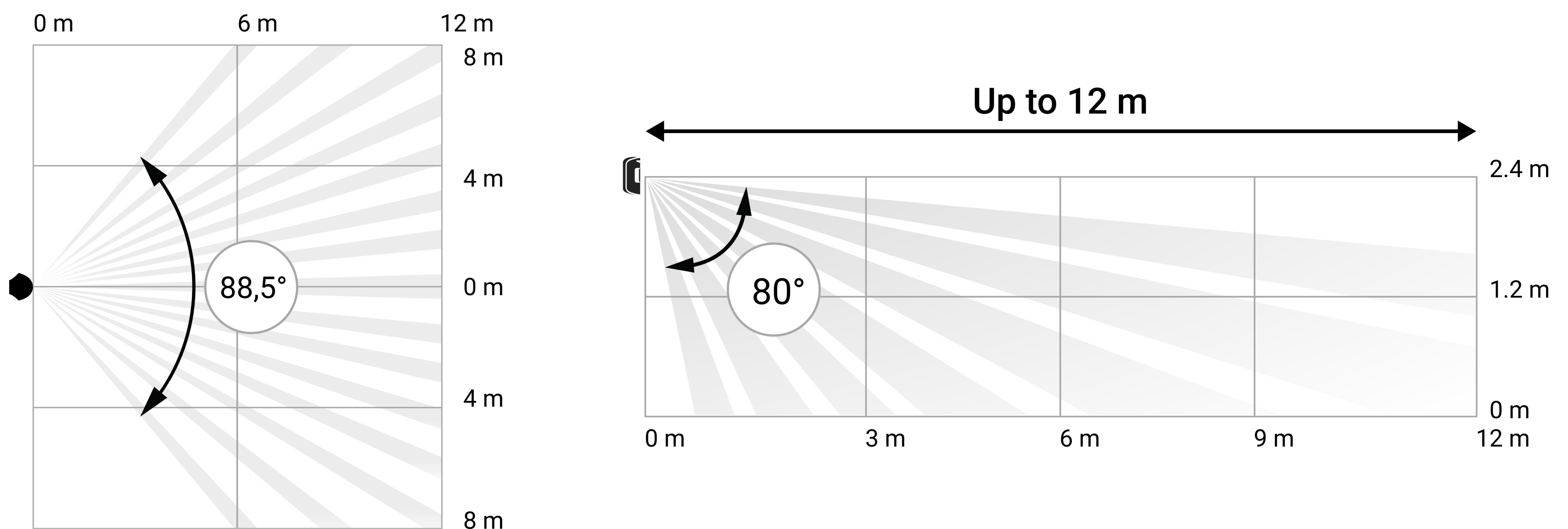


Configuring via a smartphone or desktop app



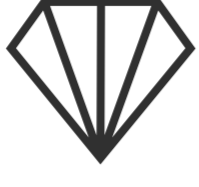
Tampering alarm notification

PIR sensor coverage angles



Technical specifications

<p>Compliance with standards</p> <p>EN 50131 (Grade 2) PD 6662:2017</p>	<p>Compatibility</p> <p>Hubs Hub Hybrid (2G) Hub Hybrid (4G)</p> <p>Range extenders no</p>
---	--

<p>Communication with control panel</p>	<p> Fibra communication technology</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 Set automatically</p>	<p>Motion detection</p>	<p>Sensing elements PIR sensor Electret microphone</p> <p>Motion detection distance up to 12 m</p> <p>Motion detection angles horizontally – 88.5° vertically – 80°</p> <p>Pet immunity Filters false alarms on pets weighing up to 20 kg and up to 50 cm height</p> <p>Glass break detection distance up to 9 m</p> <p>Horizontal glass break detection angle 180°</p> <p>Sensitivity 3 levels Set individually for motion and glass break detectors by admin in the app</p>
<p>Power supply</p>	<p>24 V_{DC}, up to 60 μA</p>	<p>Installation</p>	<p>Operating temperature range from –10°C to +40°C</p> <p>Operating humidity up to 75%</p> <p>Ingress protection IP50</p>

<p>Casing</p> <p>Colour white, black</p> <p>Dimensions 110 × 67 × 62 mm</p> <p>Weight 85 g</p> <p>Tampering alarm yes</p>	<p>Complete set</p> <p>CombiProtect Fibra SmartBracket Installation kit Quick Start Guide</p>
---	---