

GlassProtect Fibra

Wired indoor 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/glassprotect-fibra/>

GlassProtect 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 9 m glass break detection distance with 180° horizontal detection angle

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

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

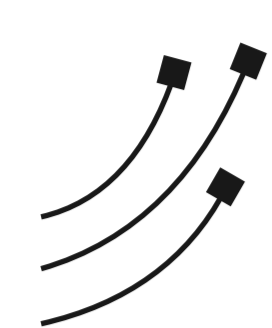
Additional NC input for connecting a third-party detector



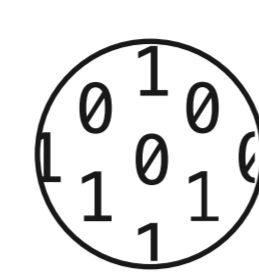
Fibra is a **two-way wired protocol**, ensuring fast and secure communication between hubs and devices. Based on a **bus connection method**, Fibra delivers instant data-rich alarms: security companies and users know which device was triggered, when and where it happened.

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



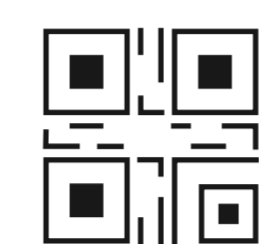
Bus connection method with hub



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

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>Detection</p> | <p>Sensing elements Electret microphone</p> <p>Glass break detection distance up to 9 m</p> <p>Horizontal glass break detection angle 180°</p> <p>Sensitivity 3 levels Set by admin in the app</p> | <p>Opening detection</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>Detection</p> <p>False alarm protection Two-factor glass break detection algorithm</p> <p>Additional detector connection Wired detector with the NC contact type</p> | |
| <p>Power supply</p> <p>24 V_{DC}, up to 45 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 90.5 × 21 × 18.5 mm</p> <p>Weight 20 g</p> <p>Tampering alarm yes</p> | <p>Complete set</p> <p>GlassProtect Fibra Installation kit Quick Start Guide</p> |