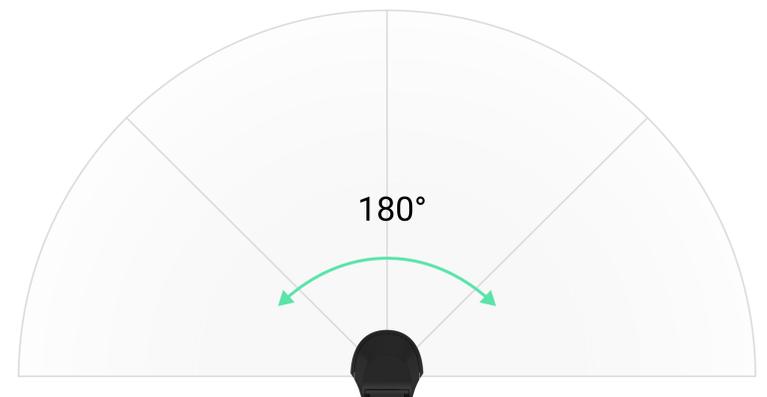
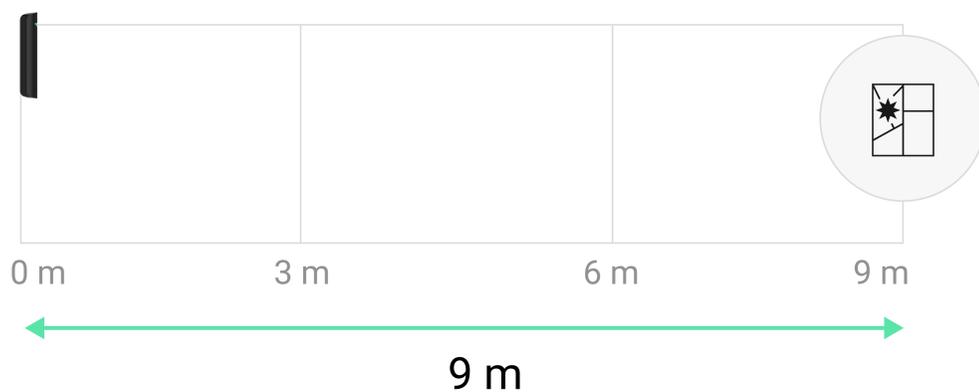


# Superior GlassProtect Fibra

Wired glass break detector with a microphone



Superior products are available exclusively to accredited Ajax Systems partners for sales, installation, and maintenance, creating a protected, high-value revenue channel.



## Glass break detection

- Up to 9 m (29 ft) of glass break detection distance
- 180° horizontal detection angle
- Electret microphone with three sensitivity levels
- DualTone digital algorithm to prevent false alarms



## Sabotage protection

- Tamper alarm to notify users of device dismantling
- Device authentication to prevent spoofing
- Protection from short circuits on the Fibra line
- Holding screw to secure the device



## Fibra communication technology

- Up to 2,000 m (6,550 ft) of wired communication with a hub or module that extends the Fibra line
- Data encryption
- Regular polling to display the current device state
- One Fibra line for different types of devices



## Quick installation and setup

- Adding to an Ajax system via automatic line scanning or QR code
- Remote control and configuration in Ajax apps
- Installation without enclosure disassembly

<p><b>Compliance with standards</b></p> <p>EN 50131 (Grade 2)  PD 6662:2017  INCERT  SSF</p>	<p><b>Compatibility with hubs</b></p> <p>For detailed information, scan the QR code or follow the link:</p>  <p><a href="https://ajax.systems/tools/devices-compatibility/?models=GP.Y.F">ajax.systems/tools/devices-compatibility/?models=GP.Y.F</a></p>	<p><b>Communication with a hub</b></p> <p>Fibra communication technology</p> <p><b>Wired connection</b>  U/UTP cat.5 4×2×0.51 mm (24 AWG) cable, copper conductor</p> <p>4×0.22 mm<sup>2</sup> signal cable, copper conductor</p> <p><b>Communication range</b>  up to 2,000 m  up to 6,550 ft  With U/UTP cat.5 4×2×0.51 mm (24 AWG) cable</p>	<p><b>Detection</b></p> <p><b>Sensitive element</b>  1 × electret microphone</p> <p><b>Glass break detection distance</b>  up to 9 m  up to 29 ft</p> <p><b>Horizontal glass break detection angle</b>  180°</p> <p><b>Sensitivity</b>  3 levels  Adjusted by a PRO or a user with admin rights in an Ajax app</p> <p><b>DualTone digital algorithm</b> for glass break verification</p> <p><b>Third-party detector connection</b>  wired detector with a normally closed (NC) contact</p>
<p><b>Power supply</b></p> <p><b>Main power supply</b>  5–30 V<math>\overline{=}</math>, up to 47 mW  The device is powered by the hub or Superior LineSupply Fibra</p> <p><b>Power consumption</b>  up to 0.036 W</p>	<p><b>Installation</b></p> <p><b>Operating temperature</b>  –10 °C to +40 °C  14 °F to 104 °F</p> <p><b>Operating humidity</b>  up to 75%</p> <p><b>Protection class</b>  IP50</p>	<p><b>Enclosure</b></p> <p><b>Color</b>  white, black</p> <p><b>Dimensions</b>  90.5 × 21 × 18.5 mm  3.56" × 0.83" × 0.73"</p> <p><b>Weight</b>  For device in black  16 g  0.56 oz  For device in white  18 g  0.63 oz</p>	<p><b>Complete set</b></p> <p>Superior GlassProtect Fibra  Installation kit  Quick start guide</p>



For detailed information, scan the QR code or follow the link:  
[ajax.systems/support/devices/superior-glassprotect-fibra](https://ajax.systems/support/devices/superior-glassprotect-fibra)

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