

MultiTransmitter Fibra

Module to integrate third-party wired detectors with Ajax security system



Find the detailed information on the device by QR code or the link:



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

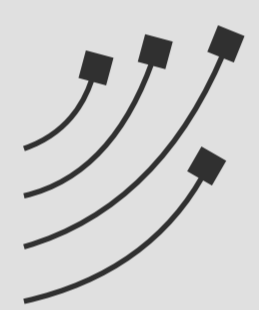


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GRADE
EN 50131

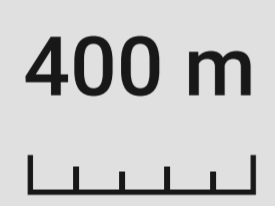
PD 6662
2017



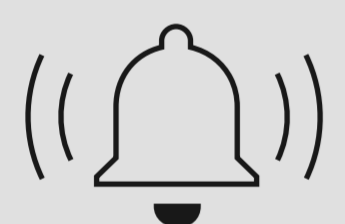
MultiTransmitter Fibra is a device from the professional Fibra line. Only installers who received accreditation might have access to purchasing and setting up Fibra-line devices.



18 inputs for third-party wired devices



Up to 400 m of cable length between detectors and MultiTransmitter Fibra



7 types of alarms for each connected device

The second life of an old wired alarm

MultiTransmitter Fibra opens new markets and allows building modern complex security based on existing wired equipment installed at a facility. With this integration module and old third-party wired devices, Ajax security system users get security control via app, data-rich notifications, and scenarios. An installer can set up the system or device in the PRO app, both while on-site and remotely.

Maximum compatibility

MultiTransmitter Fibra allows connecting a wide range of wired sensors. The integration module supports NC, NO, EOL, 2EOL, and 3EOL connection types. EOL resistance detects automatically in the PRO app.

The device supports EOLs with resistance from 1 k Ω to 30 k Ω with 100 Ω increment. To increase the protection against sabotage, EOLs with different resistance can be used in one sensor.

MultiTransmitter Fibra has three independent 12 V $\overline{\text{=}}$ power outputs for third-party wired sensors: one for fire sensors and two for the rest devices.

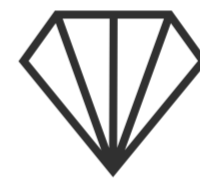


Fibra is a **two-way wired protocol**, ensuring fast and secure communication between hub and MultiTransmitter Fibra. Based on a bus, Fibra delivers instant **data-rich alarms**: security companies and users know which device was triggered, when and where it happened.

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.

Technical specifications

Connected devices	Number of zones up to 18 wired sensors	Compliance with standards	EN 50131 (Grade 2) PD 6662:2017
	Connection types NC, NO, EOL, 2EOL, 3EOL		

<p>Connected devices</p>	<p>EOL resistance from 1 kΩ to 30 kΩ with 100 Ω increment</p> <p>Alarm types pulse, bistable</p> <p>Cable length between detectors and MultiTransmitter Fibra up to 400 m</p> <p>Power supply for connected devices Main power output: 10.5–15 V_{DC}, up to 1 A</p> <p>Fire detectors power output: 10.5–15 V_{DC}, up to 0.4 A</p>		
<p>Compatibility</p>	<p>Hubs Hub Hybrid (2G) Hub Hybrid (4G)</p> <p>Range extenders</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>Power supply</p>	<p>Main power supply 100–240 V, 50/60 Hz</p> <p>Backup power supply 12 V_{DC} lead acid battery with up to 7 Ah capacity with a full charge cycle of up to 30 hours (backup battery not included)</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 IP40</p>

<p>Casing</p> <p>Colour white, black</p> <p>Dimensions 196 × 238 × 100 mm</p> <p>Weight TBC</p> <p>Tampering alarm Two tampers to detect the lid opening and alert of detachment from a wall</p>	<p>Complete set</p> <p>MultiTransmitter Fibra Power cable 12 V battery connection cable Casing Installation kit Quick Start Guide</p>
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