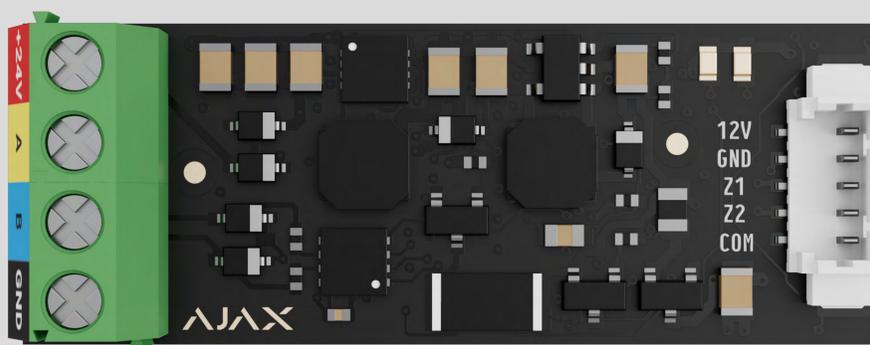




Fibra product line

Transmitter Fibra

Module to integrate one third-party device into the Ajax system



3
GRADE
EN 50131

PD 6662
2017

This is the device of the Fibra product line. Only accredited Ajax Systems partners can sell, install, and administer Fibra products.

How Transmitter Fibra works



Smart integration of wired devices

- Provides numerous event types for the connected device
- Supports NC, NO, EOL, 2EOL, and 3EOL connection types
- Roller shutter connection support
- Two alarm zones for more connection possibilities
- 12 V_{DC}, 50 mA power supply for the connected device



Fibra communication technology

- Up to 2,000 m¹ of wired communication between a module and a hub
- Encrypted connection between a hub and Transmitter Fibra²
- Regular polling to display current module statuses
- Connecting the module to a line with any other Fibra devices



Sabotage protection

- Detection of third-party detector masking, tamper alarm, or malfunction²
- Protection against short circuit of a third-party detector²
- Module authentication to protect against spoofing



Additional features

- Pairing with the hub via the line scanning or QR code
- Automated measurement of EOL resistors in Ajax PRO apps
- Configuring and testing remotely or on-site
- Installation in the third-party device enclosure

Superior, Fibra, and Baseline product lines are mutually compatible. This opens up numerous possibilities for building systems of any configuration.

<p>Compliance with standards</p> <p>EN 50131 (Grade 3) PD 6662:2017</p>	<p>Compatibility</p> <p>Control panels Hub Hybrid (2G), Hub Hybrid (4G)</p>	<p>Communication with control panel</p> <p>Fibra communication technology</p> <p>Wired connection U/UTP cat.5, 4 × 2 × 0.51 with a copper conductor</p> <p>signal cable 4 × 0.22 with a copper conductor</p> <p>Communication range up to 2,000 m With U/UTP cat.5, 4 × 2 × 0.51 cable</p>	<p>Connected devices</p> <p>Number of zones 2</p> <p>Connection types NC, NO, EOL, 2EOL, 3EOL</p> <p>EOL resistance from 1 kΩ to 15 kΩ per resistor, up to 45 kΩ of total resistance</p> <p>Operating modes pulse, bistable</p> <p>Types of events intrusion, fire, auxiliary alarm, panic button, gas alarm, tamper alarm, malfunction, leakage, glass break, high temperature, low temperature, masking, duress code (opening), vibration (seismic sensor), custom, and roller shutter alarm</p> <p>Power supply for connected device 12 V_{DC}, 50 mA</p>
<p>Power supply</p> <p>Fibra line 7–30 V_{DC}, up to 200 mA The hub powers the module.</p> <p>Output to the connected wired device 10.5–15 V_{DC}, up to 50 mA (total maximum current consumption) One power supply line from Transmitter Fibra.</p>	<p>Installation</p> <p>Operating temperature range from -25°C to +50°C</p> <p>Operating humidity up to 75%</p>	<p>Enclosure</p> <p>Dimensions 40 × 15 × 12.2 mm</p> <p>Weight 6 g</p>	<p>Complete set</p> <p>Transmitter Fibra Wires to connect third-party devices Quick start guide</p>

1 – When using a U/UTP cat.5, 4 × 2 × 0.51 cable.

2 – When connected via EOL.



For detailed information, scan the QR code or follow the link:
ajax.systems/support/devices/transmitter-fibra/

- ✉ support@ajax.systems
- 📍 @AjaxSystemsSupport_Bot
- 🌐 ajax.systems