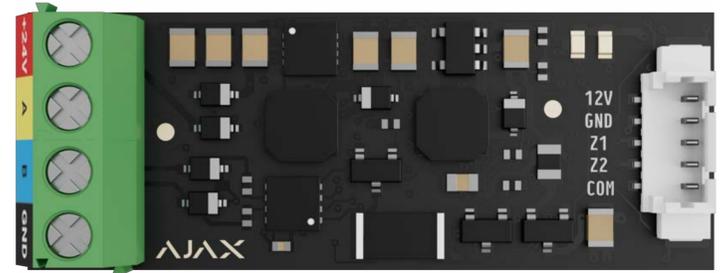


## Superior Transmitter Fibra

Wired module to integrate one third-party device into an Ajax system

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



## Tiny gear to boost regular into Ajax

Superior Transmitter Fibra is a wired integration module that connects third-party wired devices to an Ajax system. It serves two key purposes: upgrading outdated detectors with modern capabilities and integrating devices not yet available in the Ajax portfolio. Compact enough to fit inside any detector, Superior Transmitter Fibra enables connected devices to report one of over ten event types, supports remote configuration, and unlocks automation features.



### Control and configuration via Ajax apps

- Detailed event and alarm notifications for monitoring companies and users
- Remote and on-site configuration and testing
- Numerous event types for connected devices
- Optional automation scenarios triggered by a connected device alarm



### Sabotage protection

- Superior Transmitter Fibra authentication to prevent spoofing
- Protection against third-party device sabotage thanks to EOL connection support
- Short circuit protection



### Maximum compatibility

- Support for NC, NO, EOL, 2EOL, and 3EOL connection types, as well as pulse and bistable operating modes
- Dedicated roller shutter mode and KeyArm feature
- One 12 V $\overline{\text{=}}$ , 50 mA power output for a connected device
- Two inputs for flexible connection options



### Fibra communication technology

- Up to 2,000 m (6,550 ft) of wired communication with a hub or Fibra line extension module
- Data encryption during transmission between Superior Transmitter Fibra and an Ajax hub
- Regular polling to display the current state of the integration module



## Quick installation and setup

- Pairing with a hub via automatic line scanning or QR code
- Remote control and configuration via Ajax apps
- Installation inside a connected third-party detector thanks to the module's compact size
- Automatic EOL resistance measuring for time-efficient installation



<p><b>Compatibility</b></p>  <p>For detailed information, scan the QR code or follow the link: <a href="https://ajax.systems/tools/devices-compatibility/?models=TR.Y.F">ajax.systems/tools/devices-compatibility/?models=TR.Y.F</a></p>	<p><b>Compliance with standards</b></p> <p>EN 50131 (Grade 3) PD 6662:2017 INCERT</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>Features</b></p> <p><b>Number of zones</b> 2</p> <p><b>Connection types</b> NC, NO, EOL, 2EOL, 3EOL Dedicated mode for roller shutters and KeyArm feature</p> <p><b>Operating modes</b> pulse, bistable</p> <p><b>Types of events</b> over 10 event types</p> <p><b>Cable length</b> up to 3 m up to 10 ft When using a signal cable with a 0.22 mm<sup>2</sup> copper-clad aluminum conductor</p>
<p><b>Power supply</b></p> <p><b>Fibra line</b> 7–30 V<sub>DC</sub>, 185 mW (no load) / 1224 mW (with load) The module is powered by the hub.</p> <p><b>Output to the connected wired device</b> 10.5–15 V<sub>DC</sub>, up to 50 mA (total maximum current consumption) One power supply line from Superior Transmitter Fibra.</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> IP40</p>	<p><b>Board</b></p> <p><b>Operating temperature range</b> from –25 °C to +50 °C from –13 °F to 122 °F</p> <p><b>Operating humidity</b> up to 75%</p> <p><b>Dimensions</b> 40 × 15 × 12 mm 1.57" × 0.59" × 0.47"</p>	<p><b>Complete set</b></p> <p>Superior Transmitter Fibra Accessory 5-pin cable Quick start guide</p>



For detailed information, scan the QR code or follow the link:

[ajax.systems/support/devices/superior-transmitter-fibra/](https://ajax.systems/support/devices/superior-transmitter-fibra/)



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