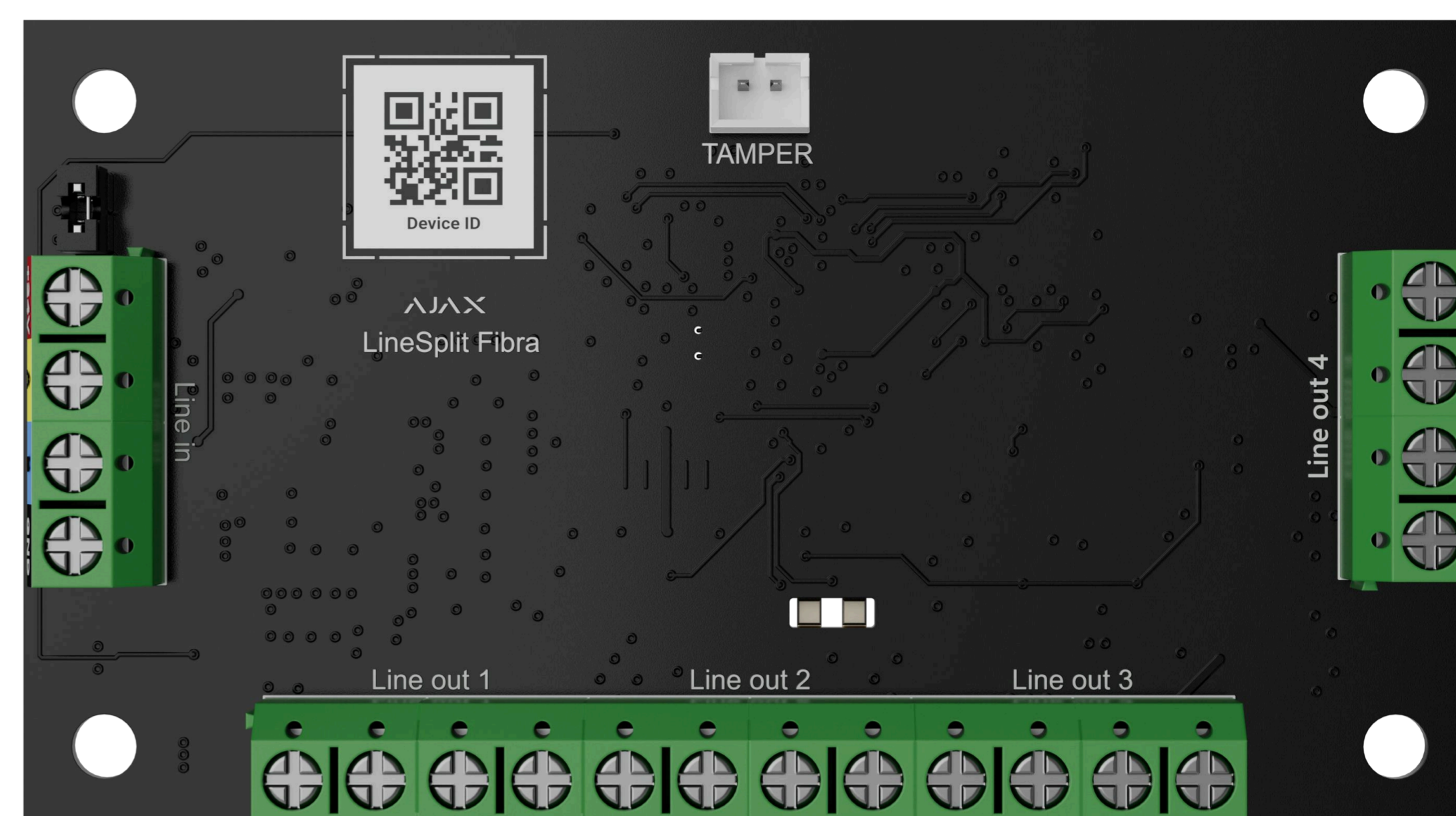
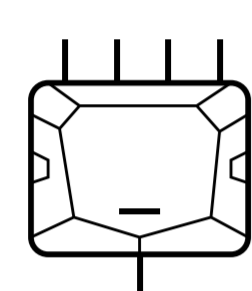


# Superior LineSplit Fibra

Module to split one Fibra line into four.

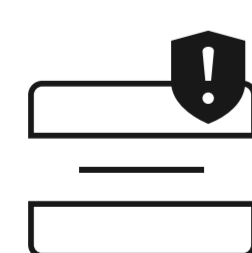
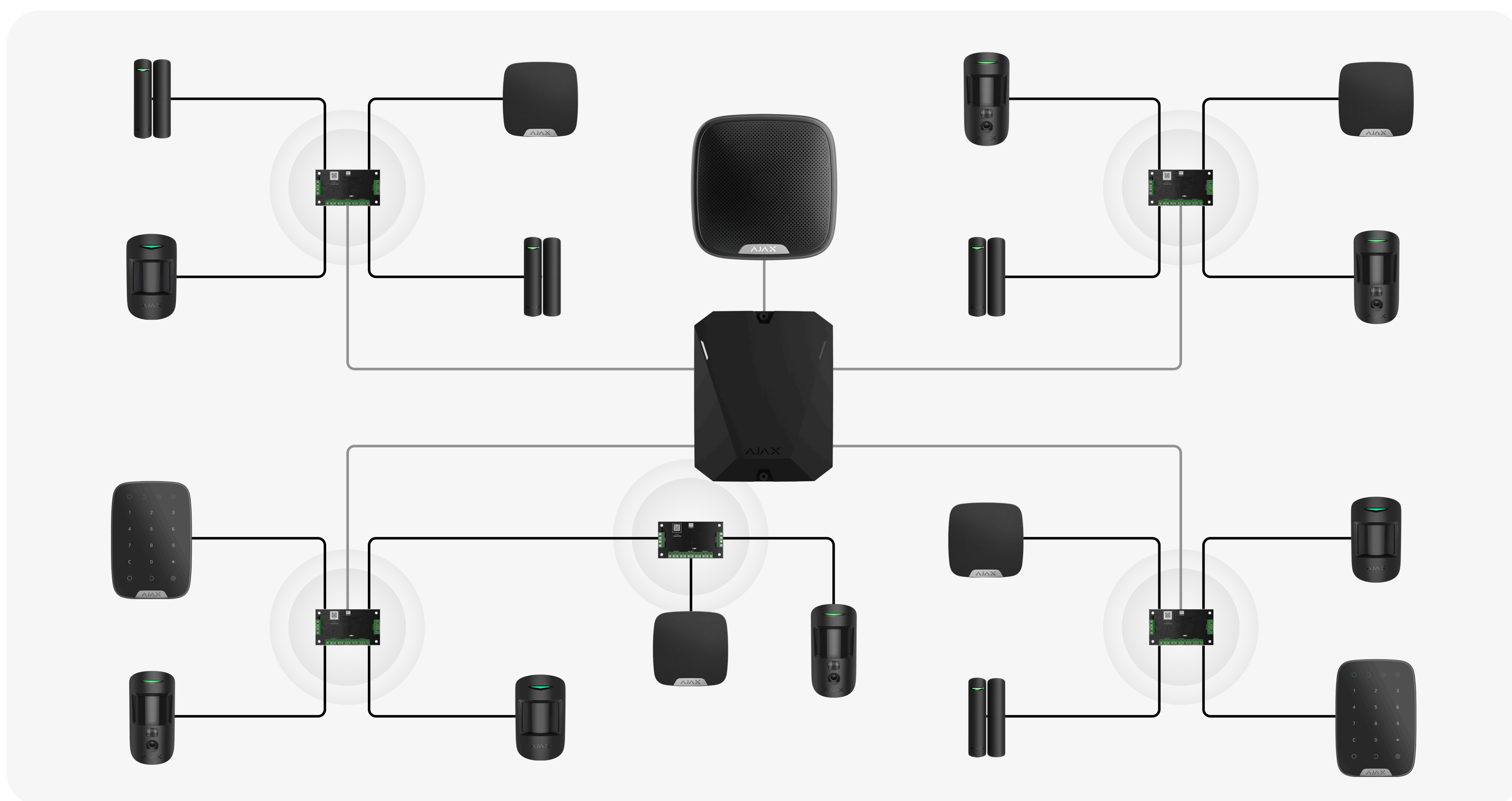


This is a device of the Superior product line. Only accredited Ajax Systems partners can sell, install, and administer Superior products.



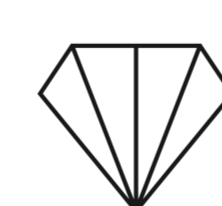
## Designed to split the Fibra line

The Superior LineSplit Fibra module splits one line into four ones. Each output line of the module<sup>1</sup> can have a length of up to 2,000 m (6,550 ft) when connected via the U/UTP cat.5 twisted pair cable. The module can be installed at any point<sup>2</sup> of the line, in particular after another Superior LineSplit Fibra.



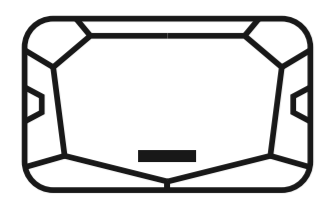
## Sabotage protection

- Tamper alarm<sup>3</sup>
- Protection against spoofing
- Device authentication



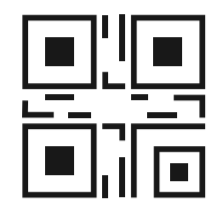
## Fibra communication technology

- Wired communication with a hub at a distance of up to 2,000 m (6,550 ft)
- Data encryption
- Regular polling to display current statuses of the devices
- 2,000 m (6,550 ft) of wired connection length for each of the four output lines<sup>4</sup>




## Easy-to-mount into Case

- Superior LineSplit Fibra is installed into Case
- Case has an optimal arrangement of wire channels, special holders for the module, and a tamper button
- Several variations with different size of casings



## Quick setup

- Pairing with the hub via the line scanning function or QR code
- Remote configuration and testing via mobile and desktop Ajax apps
- Instant maintenance notifications

<p><b>Compliance with standards</b></p> <p>EN 50131 (Grade 3) PD 6662:2017 INCERT VSÖ</p>	<p><b>Compatibility with hubs</b></p>  <p>For detailed information, scan the QR code or follow the link: <a href="https://ajax.systems/tools/devices-compatibility/?models=LS.Y.F">ajax.systems/tools/devices-compatibility/?models=LS.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 a U/UTP cat.5 4×2×0.51 mm (24 AWG) cable</p>	<p><b>Connection to a Fibra line</b></p> <p><b>Number of output lines</b> 4</p> <p><b>Number of input lines</b> 1</p>
<p><b>Power supply</b></p> <p><b>Main power supply</b> 6–30 V<math>\overline{=}</math>, up to 440 mW The module is powered by the hub</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>Module</b></p> <p><b>Dimensions</b> 90 × 50 × 15 mm 3.54" × 1.97" × 0.59"</p> <p><b>Weight</b> 17 g 0.6 oz</p>	<p><b>Complete set</b></p> <p>Superior LineSplit Fibra Quick start guide</p> <p>Case is not included in the complete set. Case is sold separately from the Superior LineSplit Fibra module.</p>

<sup>1</sup> Superior LineSplit Fibra does not provide additional power supply to the line.

<sup>2</sup> Up to 10 Superior LineSplit Fibra modules can be installed one after the other, connecting each module to the output line of the previous one.

<sup>3</sup> Notification of attempts to break or open Case. Case is sold separately.

<sup>4</sup> When using a U/UTP cat.5, 4×2×0.51 (24 AWG) cable.



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

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

- ✉ support@ajax.systems
- 📍 @AjaxSystemsSupport\_Bot
- 🌐 ajax.systems