Ajax Superior MultiTransmitter (8 inputs) Fibra

Wired module to integrate up to 8 third-party devices into an Ajax system.
Designed for installation in an Ajax casing.

Communication	**Fibra data transfer protocol** Proprietary wired protocol for transmitting commands, alarms, and other events. Key features: ● Two-way communication ● Advanced sabotage protection ● Instant notifications ● Remote control and configuration in Ajax apps **Line connection** 4-core cable **Connection** to any point on the Fibra line The device can be connected after a hub, detector, keypad, or siren. **Fibra line length** up to 2,000 m up to 6,550 ft When a U/UTP cat.5 twisted-pair cable is used. **Encrypted communication** All stored and transmitted data is protected by block encryption featuring a dynamic key.
Wired device connection	**Number of zones** 8 wired zones Multiple devices can be connected to one zone. The number of connected devices depends on their power consumption. **Cable length** up to 400 m up to 1,300 ft For the EOL connection type, with a U/UTP cat.5 4×2×0.51 mm (24 AWG) cable with a copper conductor, or a 4×0.22 mm^2 signal cable with a copper conductor (cable resistance of 22 Ω per 100 m) if the device is powered by an external power supply. The maximum connection length for devices powered by the integration module depends on cable resistance and the sensor current consumption. **Type of connection** NC, NO, EOL, 2EOL, 3EOL, or roller shutter With EOL resistance ranging from 1 kΩ to 30 kΩ in increments of 100 Ω. **EOL resistor scanning** Allows automatic measurement of EOL resistance. **Operating mode of connected sensors** ● **Detect alarms** — allows receiving alarms from connected third-party devices that detect door opening, vibration, glass breakage, gas and water leaks, etc.

	• **Switch security modes** (**KeyArm**) — allows arming/disarming the system or individual groups, as well as managing **Night mode**. • **Control of blocking element** — allows checking the position of the blocking element pin. • **Control of bolt lock** — allows checking the position of the lock bolt switch. **Operating mode** pulse, bistable **Event types** configurable event types for wired devices Adjusted by a PRO or a user with admin rights in an Ajax app.
Recommendations	For indoor use only. It is recommended to install the module in an **Ajax casing**, which is sold separately and is available in several versions.
Sabotage protection	**Tamper alarm** The board has a connector for a tamper board. The tamper board detects when the casing lid is opened and alerts users if someone attempts to detach the casing with the installed integration module from the surface. **Protection against spoofing** Ensures authentication of the integration module when it communicates with a hub. **Communication loss detection** after 36 seconds of signal loss Detection time depends on Jeweller/Fibra settings. **Instant detection of wired connection loss, short circuits, and faults** when a 2EOL/3EOL connection is used Depends on the connection type. **Instant detection of short circuits at power outputs** When a short circuit is detected, the system cuts off the power supply and sends a notification to a user.
Power supply	**Fibra line** 12–28 V⎓, up to 330 mA at a nominal voltage of 24 V⎓ The hub powers the module via the Fibra line. **Power supply of connected wired devices** 11.5–12.5 V⎓, up to 500 mA at a nominal voltage of 12 V⎓ Maximum total current consumption by third-party devices at a nominal voltage of 12 V⎓ should not exceed 500 mA. **Power terminals for input devices** • **+12V** — power output for third-party wired devices • **GND** — ground terminal that connects the power supply circuits of wired devices The module has one power supply line with two pairs of terminals for more convenient connection.
Board	**Dimensions** 90 × 50 × 22 mm 3.54" × 1.97" × 0.87"

	Weight 37 g 1.31 oz **Operating temperature range** from −10 °C to +40 °C from 14 °F to 104 °F **Operating humidity** up to 75% non-condensing
Complete set	Ajax Superior MultiTransmitter (8 inputs) Fibra Quick start guide
Warranty	24 months