Transmitter Fibra

Module for integrating one third-party wired detector into an Ajax system

Compatibility	**Control panels** Hub Hybrid (2G) Hub Hybrid (4G)
Communication	**Fibra communication technology** Proprietary wired communication technology. Fibra combines the reliability of wires with the freedom of radio connection. Key features: ● Two-way communication. ● Advanced anti-sabotage. ● Block encryption featuring a dynamic key. ● Instant notifications. ● Remote configuration in the Ajax apps. **Line connection** 4-core cable **Connection** to any point of the Fibra line Transmitter Fibra can be installed after a hub, detector, keypad, or siren. **Fibra line length** up to 2,000 m up to 6,500 ft When using the U/UTP cat.5 twisted pair cable. **Encrypted communication** All stored and transmitted data are protected by block encryption featuring a dynamic key.
Wired devices connection	**Supported configurations** ● roller shutter ● tamper ● wired device with 9 types of events **Connector pins** ● **12V** — power supply output for a wired detector ● **GND** — ground ● **Z1−Z2** — inputs for connecting a wired detector ● **COM** — common input for connecting signal contacts of a wired detector Transmitter Fibra has 2 inputs (Z1 and Z2) to connect the wired detector using the AATT (i.e.,

	Alarm Alarm Tamper Tamper) scheme.
	Type of connection NO, NC, EOL, 2EOL, 3EOL With EOL total resistance from 1 kΩ to 40 kΩ with a 100 Ω increment.
	Cable length up to 3 m When using a signal cable with a 0.22 mm² copper conductor.
	Operation mode pulse, bistable
	Event type 9 types of events for each wired zone • Intrusion • Fire • Auxiliary alarm • Panic button • Gas alarm • Tamper alarm • Malfunction • Leakage • Custom Adjusted by a PRO or a user with admin rights in the Ajax app.
Recommendations	Transmitter Fibra should be installed inside the wired detector case. The module requires a space with the following minimum dimensions: 40 × 15 × 12.2 mm (1.57" × 0.59" × 0.48").
Sabotage protection	**Protection against spoofing** device authentication **Instant line damage detection** Valid for EOL, 2EOL, or 3EOL connections. **Communication loss detection** after 36 s Between the hub and Transmitter Fibra. It can be changed in the hub settings.
Power supply	**Fibra line** TBC The hub powers the module. **Output to the connected wired device** 10.5–15 V⎓, up to 50 mA (total maximum current consumption) One power supply line from Transmitter Fibra.
Board	**Dimensions** 40 × 15 × 12.2 mm 1.57" × 0.59" × 0.48"

	Weight 6 g 0.21 oz **Operating temperature range** from −25 °C to +50 °C from −13 °F to +122 °F **Operating humidity** up to 75% **Electric shock protection** Class II
Complete set	Transmitter Fibra Accessory 5-pin cable Quick start guide
Warranty	24 months