

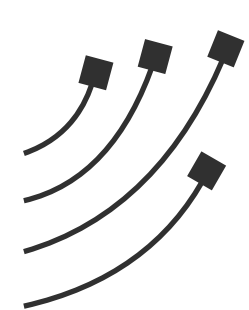
MultiTransmitter

Module to integrate third-party wired detectors with Ajax security system

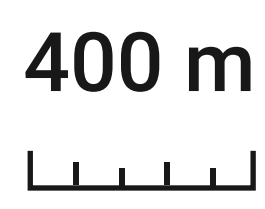


A hub is required for operation. Find the detailed information on the device by the link:

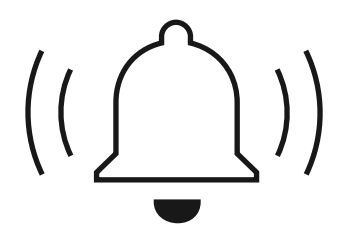
<https://ajax.systems/support/devices/multitransmitter/>



18 inputs for third-party wired devices



Up to 400 m of cable length between detectors and MultiTransmitter



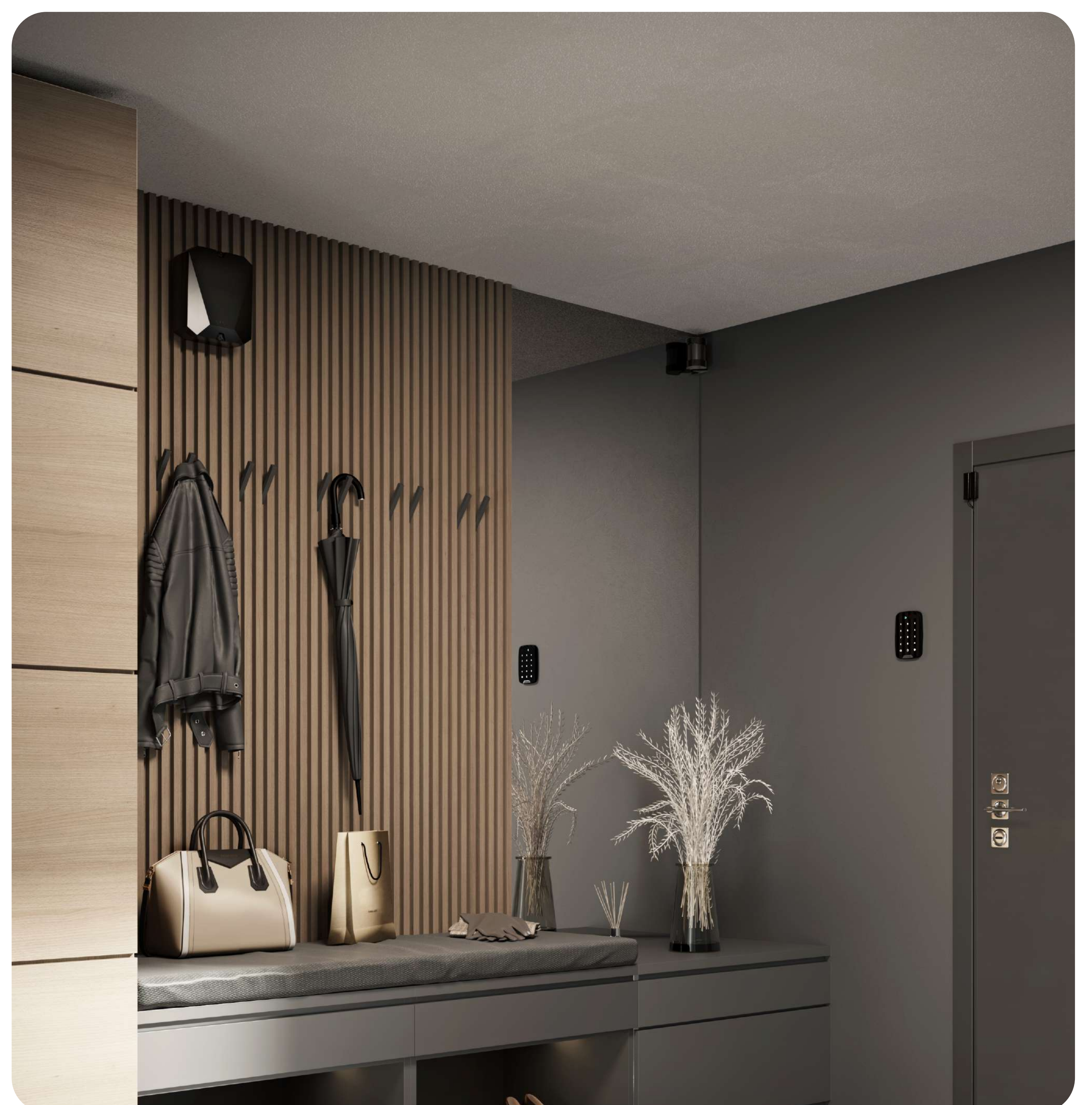
9 types of alarms for each connected device

The second life of an old wired alarm

MultiTransmitter opens new markets and allows building modern complex security based on existing wired equipment installed at a facility.

Ajax's security system users get security control via app, data-rich notifications, and scenarios with this integration module and old third-party wired devices.

An installer can set up the system or device in the PRO app, both while on-site and remotely.




Maximum compatibility with the new firmware

MultiTransmitter allows connecting a wide range of wired sensors. The integration module with firmware version 2.13.0 and higher supports NC, NO, EOL, 2EOL, and 3EOL connection types. EOL resistance detects automatically in the Ajax PRO app.

The device supports EOL's with resistance from 1 k Ω to 15 k Ω ¹ with 100 Ω increment. To increase the protection against sabotage, EOL's with different resistance can be used in one sensor. MultiTransmitter has three independent 12 V $\overline{=}$ power outputs for third-party wired sensors: one for fire sensors and two for the rest devices.

We'll stop shipping old versions of MultiTransmitter in favour of the new one. New devices will have different packaging with 3EOL icons to avoid confusion. Choose and install the equipment that precisely matches the client's needs.

Technical specifications

Connected devices	Number of zones up to 18 wired devices Connection types NO, NC, EOL With MultiTransmitter firmware version under 2.13.0 NO, NC, EOL, 2EOL, 3EOL With MultiTransmitter firmware version 2.13.0 and higher EOL resistance from 1 k Ω to 7.5 k Ω with 100 Ω increment With MultiTransmitter firmware version under 2.13.0	Communication with control panel	 Jeweller communication technology Frequency bands 866.0 – 866.5 MHz 868.0 – 868.6 MHz 868.7 – 869.2 MHz 905.0 – 926.5 MHz 915.85 – 926.5 MHz 921.0 – 922.0 MHz Depends on the region of sale Maximum effective radiated power (ERP) \leq 25 mW Communication range up to 2,000 m in a line of sight Polling interval 12–300 sec Set by admin in the app
-------------------	---	-------------------------------------	---

<p>Connected devices</p>	<p>from 1 kΩ to 15 kΩ with 100 Ω increment With MultiTransmitter firmware version 2.13.0 and higher</p> <p>Alarm types pulse, bistable</p> <p>Cable length between detectors and MultiTransmitter up to 400 m</p> <p>Power supply for connected devices Main power output: 10.5–15 V$\overline{=}$, up to 1 A</p> <p>Fire detectors power output: 10.5–15 V$\overline{=}$, up to 0.4 A</p>		
<p>Compatibility</p>	<p>Hubs All Ajax hubs²</p> <p>Range extenders all Ajax radio signal range extenders</p>	<p>Compliance with standards</p>	<p>EN 50131 (Grade 2) PD 6662:2017</p>
<p>Power supply</p>	<p>Main power supply 100–240 V, 50/60 Hz</p> <p>Backup power supply 12V$\overline{=}$ accumulator with up to 7 Ah capacity Backup battery not included</p>	<p>Installation</p>	<p>Operating temperature range from –10°C to +40°C</p> <p>Operating humidity up to 75%</p> <p>Ingress protection IP50</p>

<p>Casing</p> <p>Colour white, black</p> <p>Dimensions 196 × 238 × 100 mm</p> <p>Weight 805 g</p> <p>Tampering alarm Two tampers to detect the lid opening and alert of detachment from a wall</p>	<p>Complete set</p> <p>MultiTransmitter Power cable 12 V$\overline{=}$ battery connection cable Casing Installation kit Quick Start Guide</p>
--	--

¹ – Available on MultiTransmitter with firmware version 2.13.0 and higher. With firmware version under 2.13.0 available EOL resistance from 1 k Ω to 7.5 k Ω with 100 Ω increment.

² – 2EOL/3EOL connection support and EOL resistance from 1 k Ω to 15 k Ω are available on MultiTransmitter with firmware version 2.13.0 and higher.