

Takeover Module Jeweller

Wireless module to integrate third-party wireless devices into an Ajax system. Supports 4 protocols and 3 frequencies.



A smarter future for legacy systems

Bring the smart capabilities of the Ajax ecosystem to an existing wireless setup with a single device. Takeover Module Jeweller integrates up to 80 devices across multiple protocols and frequencies — enough to upgrade an entire system without the cost of a full replacement. The system gains real-time monitoring and control in Ajax apps, along with routine automation¹ through scenarios. The setup can be easily expanded with native Ajax intrusion, fire, video, and automation solutions, as well as Yale smart locks, delivering unified protection within a single ecosystem.

Integration of small- to large-scale wireless systems with a single device

Fast system deployment and easy management via Ajax apps

Versatile connectivity across common protocols and multiple frequencies

Hassle-free installation without enclosure disassembly or additional modules

Supported protocols and frequencies

319.5 MHz

Qolsys/Interlogix

345 MHz

Honeywell/Resideo/2GIG

433 MHz

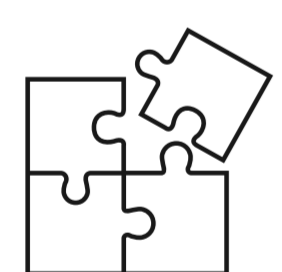
DSC

433 MHz

AT&T



Takeover Module Jeweller operates on a single frequency and protocol at a time. Simultaneous use of multiple frequencies or protocols is not supported.



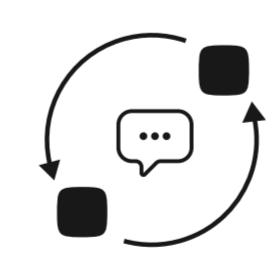
Maximum compatibility

- Support for three frequencies and four third-party protocols
- Up to 80 third-party wireless devices per module
- Various device types supported, including motion, opening, shock, tilt, and glass break detectors, key fobs, fire detectors, and more.



Full situation awareness in Ajax apps

- Mobile and desktop apps for end users and security professionals
- Informative notifications with the alarm type, device name, location, and event time
- Support for alarm and event types available on connected devices
- Real-time device states always visible in Ajax apps



Out-of-the-box communication with Ajax hubs

- Up to 2,000 m (6,550 ft) of secure two-way radio communication in open space
- Jeweller protocol for transmitting alarms, events, and device data
- Wings protocol for over-the-air firmware updates to Takeover Module Jeweller

Power supply

Main power: 12 V $\overline{=}$, 1 A

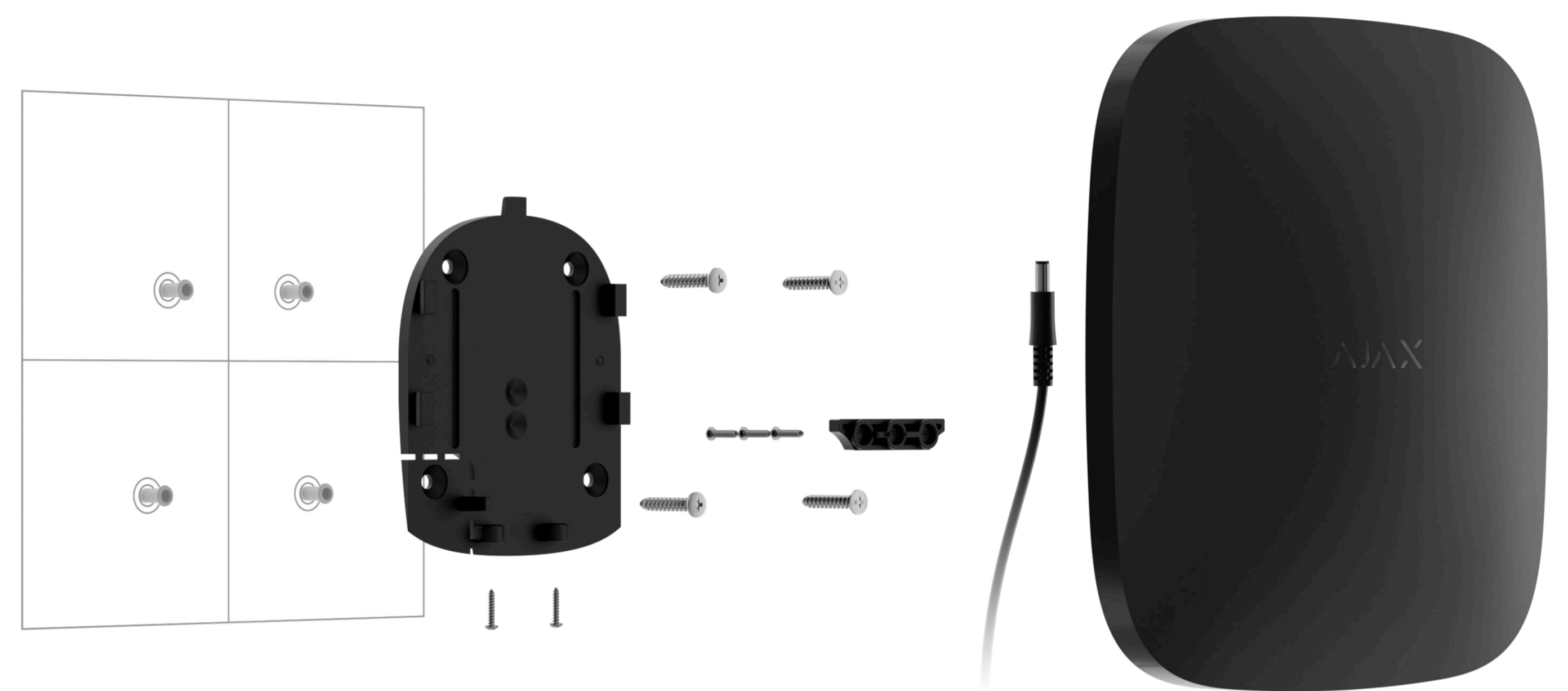
Backup power: built-in rechargeable battery providing up to 24 hours of operation if the main power supply is lost


Sabotage protection

- Tamper button to detect dismantling or detachment of the module
- Transmission of sabotage alarms from connected devices
- Module authentication to prevent spoofing
- Communication loss detection within² 36 seconds for the integration module
- Detection of communication loss between the module and third-party devices
- Frequency hopping to protect the module against jamming

Hassle-free installation and setup

- Adding the module to the system via a QR code
- Fast module installation without enclosure disassembly
- Built-in communicators and power supply – no extra hardware needed
- Adding third-party devices by automatic scanning or manual entry of the device ID in Ajax apps
- Remote configuration of the module and third-party devices via Ajax apps



<p>Compatibility with hubs and range extenders</p> <p>For detailed information, scan the QR code or follow the link:</p>  <p>ajax.systems/tools/devices-compatibility/?models=TM.Y.J</p>	<p>Enclosure</p> <table border="0"> <tr> <td>Color</td> <td>Weight</td> </tr> <tr> <td>white, black</td> <td>TBC</td> </tr> </table> <p>Dimensions</p> <p>163 × 163 × 36 mm 6.42" × 6.42" × 1.42"</p> <p>Protection class</p> <p>IP20</p> <p>Tamper button</p>	Color	Weight	white, black	TBC	<p>Communication with a hub or range extender</p> <p>Jeweller communication technology</p> <p>Wings communication technology</p> <p>Wireless communication range</p> <p>2,000 m 6,550 ft In open space</p> <p>Frequency bands</p> <p>905.0–926.5 MHz</p>	<p>Features</p> <p>Third-party device support up to 80 wireless devices</p> <p>The complete list of compatible devices is available in the user manual.</p> <p>Radio frequencies</p> <p>319.5 MHz 345 MHz 433 MHz</p> <p>Compatibility</p> <p>Qolsys, Interlogix Honeywell, Resideo, 2GIG AT&T DSC</p> <p>Radio communication range</p> <p>up to 200 m up to 650 ft</p> <p>Between the module and third-party devices in open space</p>
Color	Weight						
white, black	TBC						
<p>Complete set</p> <p>Takeover Module Jeweller SmartBracket mounting panel Power adapter Installation kit Quick start guide</p>	<p>Power supply</p> <p>Main</p> <p>12 V$\overline{=}$, up to 1 A</p> <p>Backup</p> <p>built-in rechargeable Li-ion battery 1.8 Ah Up to 24 hours of autonomous operation after loss of the main power supply.</p>	<p>Installation</p> <p>Operating temperature</p> <p>–10 °C to +40 °C 14 °F to 104 °F</p> <p>Operating humidity</p> <p>up to 75%</p>					

¹ Automation scenarios triggered by alarm and panic button press will be introduced in future updates.

² If the polling interval is set to send three data packets as often as every 12 seconds.



For detailed information, scan the QR code or follow the link:
ajax.systems/support/devices/takeover-module-jeweller/

 support@ajax.systems

 @AjaxSystemsSupport_Bot

 ajax.systems