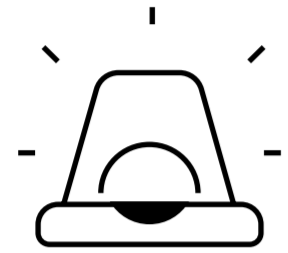


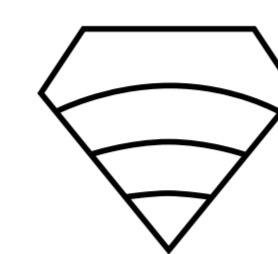


Hub BP Jeweller

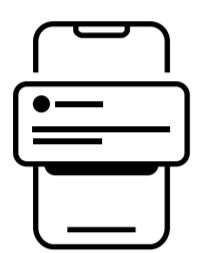
Wireless control panel with the external battery as a power source. Supports photo verification. Connectable via two SIM cards (2G/3G/LTE)



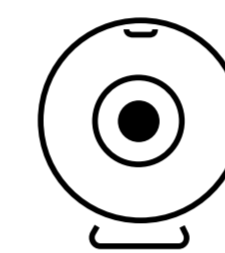
Connection to the security company's CMS



Wireless communication range with Ajax devices of up to 2,000 m



Informing users via push notifications and SMS



Integration with cameras and NVRs

Uninterrupted security for facilities without electricity

Hub BP Jeweller is designed to protect vacant buildings and remote sites without permanent access to the power grid. It operates on external zinc-air batteries, ensuring continuous security monitoring.

Primary external battery	Backup internal third-party rechargeable battery
<p>Voltage: 4.2–16 V Capacity: up to 1200 Ah Battery life: up to 24 months</p>	<p>Voltage: 10–16.2 V Capacity: up to 7 Ah Battery life: up to 240 hours (normal mode) or 900 hours (power-saving mode)</p>

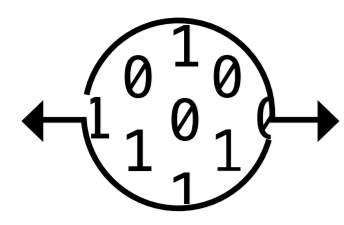
Advanced battery-saving mode

Hub BP Jeweller features an advanced battery-saving mode to extend the backup rechargeable battery life when the main power is lost, offering up to 900 hours of operation on an internal rechargeable battery.

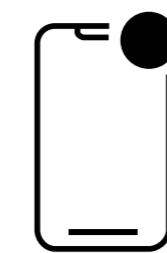
Battery-saving mode operations	
<ul style="list-style-type: none">• Detector polling interval & photo transmissions: every 5 minutes• Firmware checks & updates: disabled• Log transmissions: disabled	<ul style="list-style-type: none">• Hub – server polling interval: every 6 hours (configurable from 1 to 24 hours)• ARC polling interval: every 6 hours (configurable from 1 to 24 hours)• LED backlight: off

Guaranteed delivery of alarms and photos

An Ajax system uses two-way secure radio communication via Jeweller and Wings proprietary protocols, ensuring instant data delivery despite weak signal and communication interruptions.



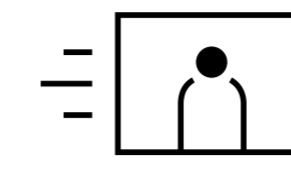
Encrypted two-way radio communication



Notifications of jamming and connection loss



Instant alarm notifications



The first photo in 9 seconds

Jeweller

Jeweller transmits alarms, events, and all readings

- Up to 2,000 m of radio communication in an open space
- Encryption and device authentication to prevent spoofing
- Regular polling to display current devices' statuses

Wings

Wings transmits photos and large data packages

- Up to 1,700 m of radio communication in an open space
- Unique uploading algorithm and data delivery confirmation
- Data backup and resend in case of transmission interruptions

Superior, Fibra, and Baseline product lines are mutually compatible. This opens up numerous possibilities for building systems of any configuration.

<p>Compliance with standards</p> <p>EN 50131 (Grade 2) PD 6662:2017 NIST (AES-128)</p>	<p>Communication with Ajax devices</p> <p>Jeweller communication technology</p> <p>Wings communication technology</p> <p>Communication range up to 2,000 m In an open space</p> <p>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 sales region</p>	<p>Communication channels</p> <p>Cellular network Two slots for micro SIMs (2G/3G/LTE)</p>	<p>Features</p> <p>100 wireless Ajax devices 50 users 50 rooms 32 automation scenarios 9 security groups</p>
<p>Power supply</p> <p>Main power supply 4.2–16 V zinc-air battery with a capacity of up to 1200 Ah Not included</p> <p>Backup power supply 10–16.2 V backup rechargeable battery with a capacity of up to 7 Ah Not included</p>	<p>Enclosure</p> <p>Color white, black</p> <p>Dimensions 196 × 238 × 100 mm</p> <p>Weight 1010 g</p>	<p>Installation</p> <p>Operating temperature range from -10 °C to +40 °C</p> <p>Operating humidity up to 75%</p>	<p>Complete set</p> <p>Hub BP Jeweller Installation kit Quick start guide</p>