**FUNCTIONAL ELEMENTS**

1. Logo with a light indicator.
2. SmartBracket attachment panel.
3. Socket for connecting a power supply cable.
4. Socket for connecting an Ethernet cable.
5. Slot for installing a card of a cellular service provider (Micro SIM type).
6. QR code.
7. Tamper button.
8. On/Off button.

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**LOCATION SELECTION AND INSTALLATION**

There should be a reliable communication with the Ajax security devices connected to the hub, as well as the Internet access - via the GSM (GPRS) network and/or Ethernet. It is desirable that the hub is kept close to the vest.

**Do not position the Hub:**
1. Outside the premises (outdoors).
2. Nearby any metal objects and mirrors causing radio signal attenuation or screening it.
3. In places with a high radio interference level.
4. Within any premises with the temperature beyond the range of permissible limits.

The SmartBracket panel is mounted on the surface with screws or any other no less reliable attachment hardware. The hub should be fixed on the panel with the bundled screws.

In installing and operating the Hub, follow the general electrical safety regulations for using electrical appliances, as well as the requirements of regulatory legal acts on electrical safety. It is strictly prohibited to disassemble the device under voltage and use it with the damaged power cord.

Do not disassemble or modify the Hub or its parts. This may disrupt the device or lead to its failure.

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**CONNECTION AND SETTING UP**

4. Following prompt messages, add the hub to the application - it will appear in the list of devices and will update the system information in a minute.
5. You may set up notifications for each of the users in the hub settings: Push notifications, SMS messages and telephone calls. If you need to adjust parameters of the Ethernet and GSM connections, as well as the Jeweller protocol.

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**CONNECTING THE AJAX TO A SECURITY COMPANY**

Connection to the central monitoring station is made via the Contact ID protocol. List of organizations supporting the Ajax system is available in the menu "Security companies" in the Hub settings.

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**COMPLETE SET**

1. Hub.
2. Power supply cable.
3. Ethernet cable.
4. Installation kit.
5. GSM start package.

**WARRANTY**

Warranty for the Ajax Systems Inc. devices is valid for 2 years after the purchase and does not apply to the supplied battery. If the device does not work correctly, you should first contact the support service—in half of the cases, technical issues can be solved remotely!

The full text of the warranty is available on the website: ajax.systems/warranty

User Agreement: ajax.systems/end-user-agreement

Technical support: support@ajax.systems

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**TECH SPECS**

- Maximum number of connected devices: 100
- Maximum number of logical rooms: 50
- Maximum number of the Hub units: 50
- Power supply: 110 - 250 V
- Accumulator unit Li-Ion 2 Ah (up to 14 hours of autonomous operation)*
- Anti-tamper switch: Yes
- Frequency band: 868.0 - 868.6 mHz
- Effective radiated power: 8.20 dBm / 6.60 mW
- Modulation: GFSK
- Radio signal: Up to 2,000 m
- Communication channels: GSM 850/900/1800/1900 MHz, GPRS, Ethernet
- Operating temperature range: From 0°C to +50°C
- Overall dimensions: 162.7 x 162.7 x 35.9 mm
- Weight: 330 g

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**CONNECTION AND SETTING UP**

1. By moving the SmartBracket panel down, connect the power cables and Ethernet to the sockets, as well as install a SIM card of the mobile operator with the disabled PIN code request.
2. Switch on the hub by pressing the button for 2 seconds and wait for a minute - the logo will change colour to green (only one communication channel is active). If the logo continues to light red, follow the recommendations in the User Manual.
3. Install a mobile application or open a web application in your browser and create an Ajax account.

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**IMPORTANT INFORMATION**

This product can be used across all EU member states.

This device in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. All essential radio test suites have been carried out.

**CAUTION: RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCOMPLETE TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS**

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**Power supply 110 - 250 V**

- **GPRS / EDGE 1800**
  - TX (Uplink): 880M-915MHz
  - RX (Downlink): 925MHz-960MHz
  - Power supply: 110 - 250 V
  - Max RF output power: 29.61dBm
  - Limit: class 1 (30x3dBm)

- **GPRS / EDGE 900**
  - TX (Uplink): 806.5MHz-851MHz
  - RX (Downlink): 915MHz-958MHz
  - Power supply: 110 - 250 V
  - Max RF output power: 23.36dBm
  - Limit: class 4 (32x3dBm)

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Manufacturer: Research and Production Enterprise "Ajax" LLC
Address: Shuvyni 6, Kyiv, 04073, Ukraine
By request of Ajax Systems Inc.

www.ajax.systems