

Products ▾

Assemble kit

 KeyPad Jeweller

More ▾

Tech specs

BASELINE

KeyPad Jeweller

Wireless touch keypad



Device compatibility

Check

Communication

Jeweller communication technology

Proprietary wireless communication technology to transmit commands, alarms, and events.

Key features:

- Two-way communication.
- Advanced anti-sabotage.
- Block encryption featuring a dynamic key.
- Instant notifications.
- Remote control and configuration in Ajax apps.

[Learn more](#) >

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.

Maximum effective radiated power (ERP)

up to 20 mW

Automatic power control to reduce power consumption and radio interference.

Radio signal modulation

GFSK

Radio signal range

up to 1,700 m

Between the keypad and the hub or range extender in an open space.

Calculate radio signal range at the facility >

Encrypted communication

All stored and transmitted data are protected by block encryption featuring a dynamic key.

Frequency hopping

To prevent radio interference and jamming.

Learn more >

Key features

Sensor type

capacitive

Malfunctions and security mode indication

When KeyPad is active, it notifies with LED indication of the security mode, problems with detectors, or communication loss with the hub.

Functional button

Operates in one of the modes.

alarm

The system sends an alarm to the central monitoring station and users. It also activates the sirens connected to the system.

mute fire alarm

Mutes interconnected fire detectors alarms.

Learn more >

off

The button is disabled.

Access codes

up to 200 personal codes

One code per each user. The number of personal access codes depends on the hub model.

1 keypad code

One code per KeyPad.

Duress codes

up to 200 personal codes

One code per each user. The number of personal duress codes depends on the hub model.

1 keypad code

One code per KeyPad.

Codes for unregistered people

up to 99 personal codes

For people who are not registered in the system. The number of such codes depends on the hub model.

Group security management

Enter the general keypad code and the group ID to manage group security.

ACE type

type B

Recommendations

The device is designed for indoor use only.

Sabotage protection

Protection against code guessing

KeyPad locks for 3–180 minutes if an incorrect code is entered more than 3 times in a row within 1 minute. PRO or user with admin rights can adjust the lock time in the Ajax app.

Tamper alarm

Notifications on attempts to detach the keypad from the surface or remove it from the mounting panel.

Learn more >

Protection against spoofing

device authentication

Communication loss detection

after 36 s

Depends on the Jeweller or Jeweller/Fibra settings.

[Learn more >](#)

Power supply

Battery

4 × AAA

Pre-installed.

Type

type C

Calculated battery life

up to 2 years

[Learn more >](#)

Keypad's operating voltage range

1.9–3.3 V_{DC}

Keypad's nominal operating voltage

3 V_{DC}

Quiescent keypad's current consumption at nominal voltage

86.5 μ A

Maximum keypad's current consumption at nominal voltage

225 mA

Full battery capacity

2,000 mAh

Low battery voltage

2.15 V_{DC}

Low battery recovery voltage

2.6 V_{DC}

End-of-life battery voltage

1.9 V_{DC}

Device is switched off.

End-of-life battery capacity

150 mAh

Manufacturer

Huidrui

Enclosure

Dimensions

150 × 103 × 14 mm

Weight

197 g

Operating temperature range

from -10°C to +40°C

Operating humidity

up to 75%



Colors

Black

White



Complete set

KeyPad Jeweller

SmartBracket mounting panel

4 × AAA battery (pre-installed)

Installation kit

Quick start guide

Certification and compliance with standards



KeyPad Jeweller



Additional information

[Compliance with standards](#)

[User manual](#)

[Learn more >](#)

[Learn more >](#)

Warranty

24 months

[Learn more >](#)

Subscribe

Subscribe to our emails about secure life. No spam.

[Subscribe](#)

Request extra help

✉ support@ajax.systems

🗉 [@AjaxSystemsSupport_Bot](#)

💬 [Send a request](#)



Rating 4.8

4,500,000

people worldwide under Ajax protection

💡 [Suggest a feature](#)



Products

Intrusion protection

Video surveillance

Fire and life safety

Software

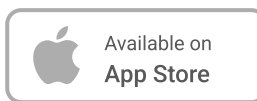
Ajax Security System

Ajax PRO: Tool for Engineers

Ajax Desktop

- [Comfort and automation](#)
- [All products](#)
- [Services](#)
- [System integrations](#)
- [Ajax Ready products](#)
- [Fibra wired protocol](#)
- [Ajax radio protocols](#)

- [Ajax PRO Desktop](#)
- [Ajax TV](#)
- [Ajax Translator PRO](#)
- [Ajax Cloud Signaling](#)
- [Scenarios](#)



Solutions

- [Customer stories](#)
- [Solutions by facility type](#)
- [Commercial fire detection and alarm system](#)
- [Wireless Grade 3 solution](#)
- [Video surveillance solution](#)
- [Integration with Yale smart locks](#)
- [Upgrades and retrofits](#)
- [Why Ajax](#)
- [How it works](#)

Support

- [Manuals and articles](#)
- [Compliance with standards](#)

Tools

- [Ajax device compatibility](#)
- [CMS software compatibility](#)
- [Ajax Services availability](#)
- [Video storage calculator](#)
- [Video device calculator](#)
- [Battery life calculator](#)
- [Radio communication range calculator](#)
- [Switches and outlets configurator](#)
- [Fibra power supply calculator](#)
- [All web tools](#)

Monitoring solutions and integrations

- [Intrusion alarm monitoring](#)
- [Video monitoring and visual alarm verification](#)
- [Audio alarm verification](#)

Company

- [Blog](#)
- [About us](#)
- [Press page](#)
- [Events](#)
- [Career](#)
- [Ajax Next](#)

For partners

- [For partners](#)
- [Ajax Academy](#)
- [Partner Portal](#)

[Reviews and feedback](#)

 [Србија](#) [Privacy policy](#) [Report a vulnerability](#) [GDPR White Paper](#) [NDAA Statement](#) [Cookie policy](#)

[Anti-Spam Policy](#) [Ajax Services T&C](#) [End user agreement](#) [Warranty](#)

© 2026 AJAX SYSTEMS CH. All rights reserved