

[icon] Jeweller

Keypad S Plus Jeweller

Wireless touch keypad supporting encrypted contactless cards and key fobs. Developed for projects



Compatibility

Control panels

[Hub Plus >](#)

[Hub 2 \(2G\) >](#)

[Hub 2 \(4G\) >](#)

[Hub 2 Plus >](#)

[Hub Hybrid \(2G\) >](#)

[Hub Hybrid \(4G\) >](#)

[Differences between hubs >](#)

Range extenders

[ReX >](#)

[ReX 2 >](#)

Communication

[icon] Jeweller communication technology

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

Key features:

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

[Learn more>](#)

Frequency bands

868.0–868.6 MHz

Maximum effective radiated power (ERP)

up to 20 mW

Automatic power control to reduce power consumption and noise interference.

Radio signal modulation

GFSK

Radio signal range

up to 1,700 m

up to 5,500 ft

Between keypad and control panel (or range extender) in an open space.

[Calculate the radio signal range at the facility>](#)

Encrypted communication

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

Frequency hopping

Radio communication uses frequency hopping to prevent interception and jamming.

[Learn more >](#)

Key features

Sensor type

capacitive

Malfunctions and security mode indication

When KeyPad S Plus is active, it notifies with an 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.

Contactless control

Pass cards

Tag key fobs

The functionality of the cards/key fobs is the same, but they differ in design.

[Learn more about Pass >](#)

[Learn more about Tag >](#)

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 S Plus.

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 S Plus.

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



The device is designed for indoor use only.

Sabotage protection

Protection against code guessing

KeyPad S Plus locks for 3-180 minutes if an incorrect code is entered more than 3 times in a row within 1 minute.

The lock time is adjusted by PRO or user with admin rights 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

Detection time depends on the Jeweller or Jeweller/Fibra settings.

[Learn more >](#)

Power supply

Batteries

4 × AA

Pre-installed.

Type

Type C.

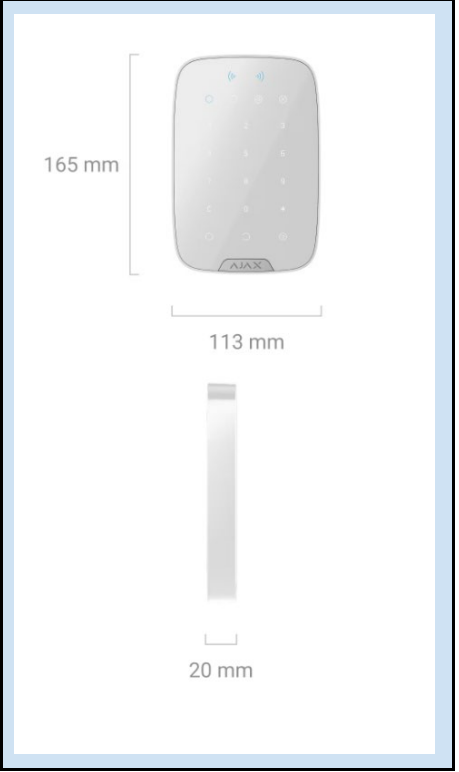
Calculated battery life



up to 3 years

Keypad's operating voltage range

	<p>2.25–3.3 V_{DC}</p> <p>Keypad's nominal operating voltage 3 V_{DC}</p> <p>Quiescent keypad's current consumption at nominal voltage 0.13 mA</p> <p>Maximum keypad's current consumption at nominal voltage 10.5 mA</p> <p>Full capacity 6,000 mAh</p> <p>Low battery voltage 2.5 V_{DC}</p> <p>Low battery recovery voltage 2.7 V_{DC}</p> <p>End-of-life battery voltage 2.25 V_{DC} Device is switched off</p> <p>End-of-life battery capacity 500 mAh</p> <p>Manufacturer Energizer</p>
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<p>Enclosure</p>	<p>Dimensions 165 × 113 × 20 mm</p> <p>Dimensions 6.50" × 4.45" × 0.79"</p>	
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	<p>Weight 267 g</p> <p>Weight 9.42 oz</p> <p>Operating temperature range from -10°C to +40°C</p> <p>Operating temperature range from 14°F to 104°F</p> <p>Operating humidity up to 75%</p>	
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<p>Colours</p>	<p>Black</p>  <p>White</p> 
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<p>Complete set</p>	<p>KeyPad S Plus Jeweller SmartBracket mounting panel 4 AA batteries (pre-installed) Installation kit Quick start guide</p>
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Additional information

<p>Compliance with standards</p>	<p>User manual</p>
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Learn more >	Learn more >
Warranty 24 months Learn more >	