

Tech specs



Superior KeyPad Outdoor Fibra

Wired keypad supporting authentication via Pass, Tag, smartphones, and codes. For outdoor and indoor use.



Device compatibility

Check

Communication

Fibra communication technology

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

Key features:

- Two-way communication.
- Advanced anti-sabotage.
- Instant notifications.
- Remote control and configuration in Ajax apps.

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Line connection

4-core cable

Connection

to any point of the Fibra line

The device can be installed behind the hub, detector, siren, or other keypad.

Fibra line length

up to 2,000 m

When using the U/UTP cat.5 twisted pair cable.

Calculate the line length at the facility >

Encrypted communication

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

Key features

Keypad function

- Switches security mode
- Manages automation devices
- Starts entry delay (bypass keypad)

Each keypad function can be configured as a **primary** or **secondary** one in the keypad settings in Ajax apps. Only one primary function and one secondary function can be set at once. Switch between functions by long-pressing the **OK** button on the keypad.

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Control methods

- codes
- Tag key fobs
- Pass cards
- smartphone (Bluetooth)

Access codes

- up to 50 personal codes

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

- 1 keypad code

Per each Superior KeyPad Outdoor Fibra.

Duress codes

- up to 50 personal codes

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

- 1 keypad code

Per each Superior KeyPad Outdoor Fibra.

Codes for unregistered users

- up to 50 personal codes

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

Contactless access

DESFire® EV1, EV2, EV3

ISO 14443-A (13.56 MHz)

Contactless authorization with a smartphone

It is possible to use a smartphone with an installed Ajax app and Bluetooth Low Energy (BLE) support instead of Tag or Pass to authorize a user. BLE is a radio protocol with low power consumption. The keypad supports Android and iOS smartphones with BLE 4.2 and later.

Arming without entering a code

The enabled feature allows the user to arm the facility without entering a code or presenting an access device.

Group security management

Changing the security mode of the groups to which the user has access from the keypad.

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Authorization confirmation with a passcode

Configuring two-factor authentication. If enabled, users must first use an access device (Pass, Tag, or smartphone) and then enter a passcode to confirm their authorization to the system.

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Function button

Operates in one of the following modes.

- panic

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.

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- none

The button is disabled.

Automation device control

Allows controlling the scenarios or automation devices by keypad.

Starting entry delay

Activates an entry delay so you can disarm the facility using the main keypad.

Indication of malfunctions and security mode

If enabled, the keypad notifies users with an LED indication of the security mode, problems with detectors, or loss of communication with the hub. A built-in buzzer

notifies of alarms, door openings, and entry/exit delays.

Recommendations

The device is designed for outdoor and indoor use.

Sabotage protection

Unauthorized access auto-lock

The keypad is locked if an incorrect code is entered or unverified access devices are used more than 3 times in a row within 1 minute. The lock time is adjusted by a PRO or user with admin rights in an Ajax app.

Tamper alarm

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

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Holding screw

To secure the keypad on SmartBracket.

Protection against spoofing

device authentication

Communication loss detection

after 36 s

Detection time depends on the Jeweller/Fibra settings.

Power supply

Fibra line

7–30 V $\overline{=}$, up to 25 mA at a nominal voltage of 24 V $\overline{=}$

The hub powers the device.

Enclosure

Dimensions

137 × 45 × 27 mm

Weight

160 g



Operating temperature range

from –25 °C to +60 °C

Operating humidity

up to 80%

Protection class

IP66

IK08



Colors

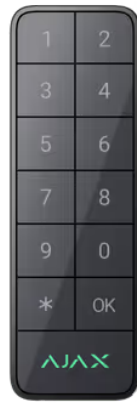
Black



White



Graphite



Complete set

Superior KeyPad Outdoor Fibra

SmartBracket mounting panel

Installation template

Installation kit

Quick start guide

Certification and compliance with standards



Superior KeyPad Outdoor Fibra



Additional information

Compliance with standards

Learn more >

User manual

Learn more >

Warranty

24 months

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support@ajax.systems

@AjaxSystemsSupport_Bot

Send a request





Rating 4.7

4,000,000
people worldwide under Ajax protection

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