

 Superior KeyPad Outdoor FibraMore 

## Tech specs

 SUPERIOR

# 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.

[Learn more](#) >

## 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.

[Learn more](#) >

### 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.

[Learn more](#) >

## 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.

[Learn more](#) >

## 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.

[Learn more](#) >

- 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.

[Learn more](#) >

## 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 $_{\text{DC}}$ , up to 25 mA at a nominal voltage of 24 V $_{\text{DC}}$

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%



27 mm

## Protection class

IP66

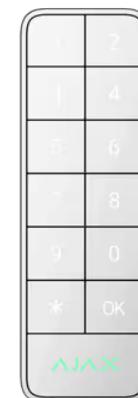
IK08

## Colors

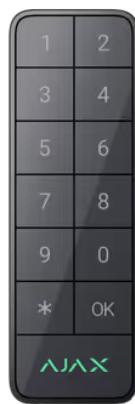
Black



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

[Learn more](#) >

## Subscribe

Subscribe to our emails about secure life. No spam.

[Subscribe](#)

## Request extra help

 support@ajax.systems

 @AjaxSystemsSupport\_Bot

 Send a request



4,000,000

people worldwide under Ajax protection

Rating 4.7

 Suggest a feature



## Products

Intrusion protection

## Software

For users

Video surveillance  
Fire and life safety  
Comfort and automation  
All products  
Services  
System integrations  
Ajax Ready products

Ajax PRO: Tool for Engineers  
Ajax Desktop  
Ajax PRO Desktop  
Ajax Translator  
Scenarios



## Solutions

Customer stories  
Solutions by facility type  
Upgrades and retrofits  
Why Ajax  
How it works

## Support

Manuals and articles  
Compliance with standards

## Tools

Ajax device compatibility  
Video storage calculator  
Video device calculator  
Battery life calculator  
Radio communication range calculator  
Switches and outlets configurator  
Fibra power supply calculator  
All web tools

## Company

Blog  
About us  
Press page  
Events  
Career  
Reviews and feedback

## For partners

For partners  
Ajax Academy  
Partner Portal