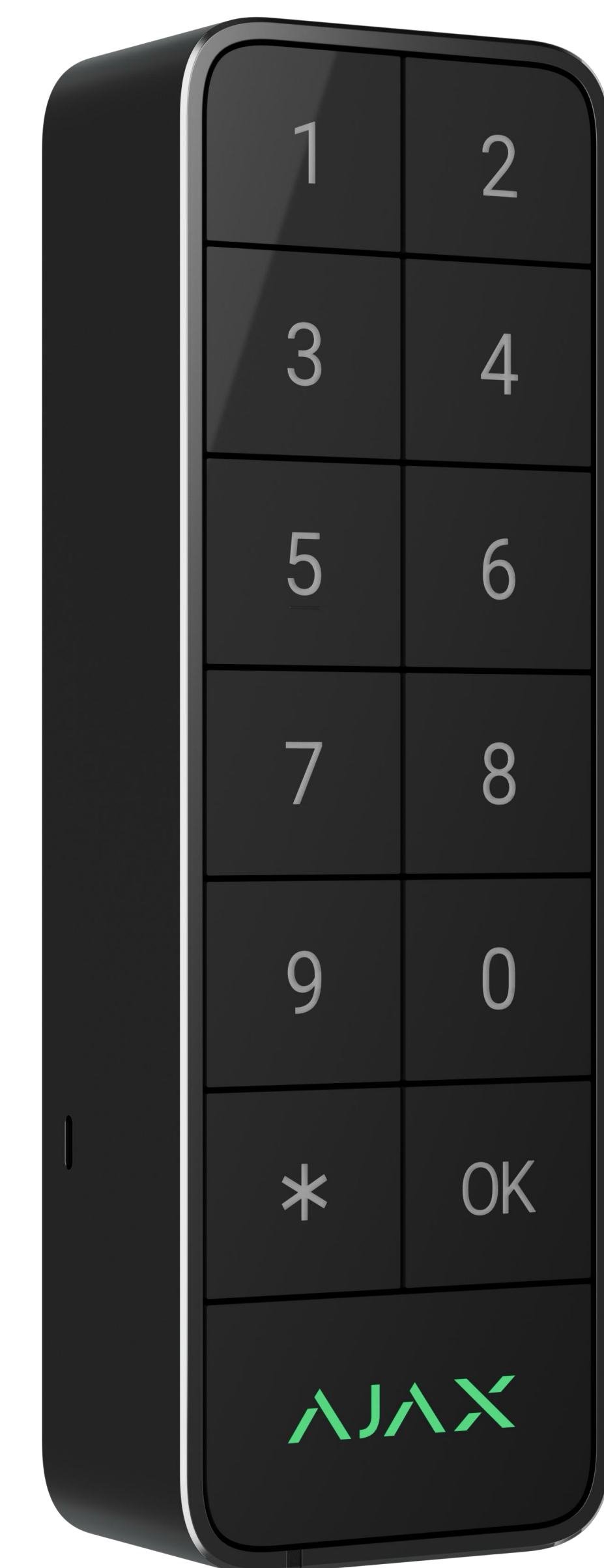


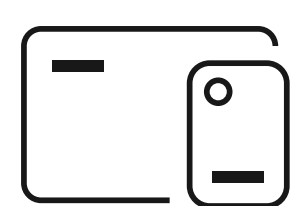
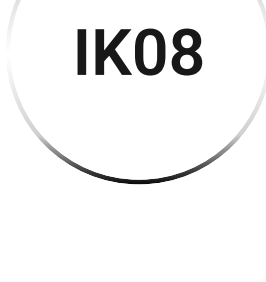
# Superior KeyPad Outdoor Fibra

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

This is the device of the Superior product line. Only accredited Ajax Systems partners can sell, install, and administer Superior products.

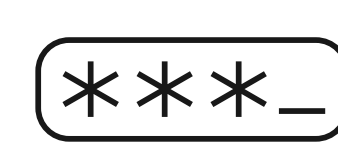


IN PROGRESS:



## Contactless authorization

- Pass cards and Tag key fobs supporting DESFire® technology
- Smartphones with Bluetooth via BLE technology
- Remote configuration of access control devices
- Protection against authentication via unauthorized access devices



## Management with codes

- Four types of codes: for registered users, for unregistered users, a keypad code, and an RRU code
- Keypad locking when someone tries to guess the code
- Duress code: if a user is forced to disarm the facility
- Remote management: codes can be created, changed, or removed in Ajax apps

## Additional features

Big mechanical buttons with a resilient press mechanism for easy and fast access, even in gloves and mittens

Automation devices control along with security mode change

A built-in 60 dB buzzer to inform about alarms, security mode changing, Chime, etc.

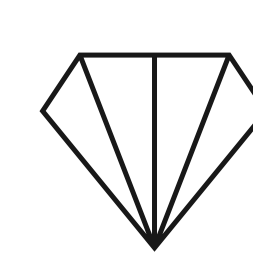
Authorization confirmation: arming/disarming using access control devices requires confirmation with a code

Bypass mode: initiated at delay when entering/leaving in case of changing security mode to confirm arming/disarming via the main keypad



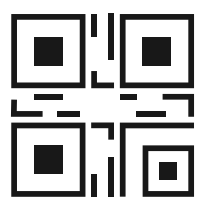
## Sabotage resistance

- Tamper alarm: the enclosure is hardwired with two tamper buttons
- IK08 enclosure impact protection
- Device authentication to prevent spoofing
- Protection from short circuits on the Fibra line
- Holding screw to secure the device on SmartBracket
- Panic button in case of emergencies



## Fibra communication technology

- Up to 2,000 m (6,550 ft) of wired communication with a hub or module that extends the Fibra line<sup>1</sup>
- Data is encrypted throughout the transmission process
- Regular polling to display current device states
- One Fibra line for different types of devices
- Energy consumption of up to 0.6 W



# Quick installation and setup

- IP66 enclosure for outdoor and indoor use
  - Installation without disassembling the enclosure
- Pairing with a hub via the line scanning feature or QR code
  - On-site or remote configuration and testing

|                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><b>Compliance</b></div> <div>In progress:<br/>EN 50131 (Grade 3)<br/>PD 6662:2017<br/>SSF</div> <div><b>Compatibility</b></div> <div>For detailed information, scan the QR code or follow the link:<br/><br/><a href="https://ajax.systems/tools/devices-compatibility/?models=KP.G30.F">ajax.systems/tools/devices-compatibility/?models=KP.G30.F</a></div> | <div><b>Communication with a control panel</b></div> <div>Fibra communication technology</div> <div><b>Wired connection</b><br/>U/UTP cat.5 4×2×0.51 cable with a copper conductor</div> <div>4×0.22 signal cable with a copper conductor</div> <div><b>Communication range</b><br/>up to 2,000 m<br/>up to 6,550 ft<br/>With U/UTP cat.5 4×2×0.51 cable</div> <div><b>Polling interval</b><br/>12–300 s<br/>Adjusted by a PRO or user with admin rights in Ajax apps</div> | <div><b>Features</b></div> <div><b>Contactless access</b><br/>Pass cards and Tag key fobs (up to 50 devices)</div> <div>Support for BLE (up to 50 smartphones)</div> <div><b>Access codes</b><br/>up to 50 personal codes for registered users<br/><br/>up to 50 codes for unregistered users</div> <div>1 keypad code</div> <div><b>Duress code</b><br/>up to 50 personal duress codes</div> <div>1 keypad duress code</div> <div>Panic button</div> | <div><b>Installation</b></div> <div><b>Operating temperature range</b><br/>from –25 °C to +60 °C<br/>from –13 °F to 140 °F</div> <div><b>Operating humidity</b><br/>up to 80%</div> <div><b>Protection class</b><br/>IP66</div> <div><b>Impact protection</b><br/>IK08<br/>(in progress)</div> |
| <div><b>Power supply</b></div> <div>Fibra line<br/>7–30 V<math>\overline{=}</math>, up to 0.6 W</div>                                                                                                                                                                                                                                                                                                                                               | <div><b>Enclosure</b></div> <div><b>Color</b><br/>white, graphite, black</div> <div><b>Dimensions</b><br/>137 × 45 × 27 mm<br/>5.39" × 1.77" × 1.07"</div> <div><b>Weight</b><br/>160 g<br/>5.6 oz</div> <div><b>Tamper alarm</b></div>                                                                                                                                                                                                                                     | <div><b>Complete set</b></div> <div>Superior KeyPad Outdoor Fibra<br/>SmartBracket mounting panel<br/>Installation kit<br/>Quick start guide</div>                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                |

<sup>1</sup> When using a U/UTP cat.5 4×2×0.51 cable.



For detailed information, scan the QR code or follow the link:  
[ajax.systems/support/devices/superior-keypad-outdoor-fibra/](https://ajax.systems/support/devices/superior-keypad-outdoor-fibra/)

-  [support@ajax.systems](mailto:support@ajax.systems)
-  [@AjaxSystemsSupport\\_Bot](https://t.me/AjaxSystemsSupport_Bot)
-  [ajax.systems](https://ajax.systems)