

Superior KeyPad TouchScreen Fibra

Wired keypad with a touch screen and contactless authorization

Compatibility	Control panels Hub Hybrid (2G) Hub Hybrid (4G)
Communication	Fibra communication technology Proprietary wired communication technology. Fibra combines the reliability of wires with the freedom of radio connection. Key features: <ul style="list-style-type: none">• Two-way communication.• Advanced anti-sabotage.• Block encryption featuring a dynamic key.• Instant notifications.• Remote configuration in Ajax apps. Line connection 4-core cable Connection to any point of the Fibra line Superior KeyPad TouchScreen Fibra can be installed after a hub, detector, siren, or other keypad. Fibra line length up to 2,000 m up to 6,500 ft When using the U/UTP cat.5 twisted pair cable. Encrypted communication All stored and transmitted data are protected by block encryption featuring a dynamic key.
Display	Diagonal 5" Matrix type IPS Resolution 480 × 854 px Sensor capacitive Brightness settings <ul style="list-style-type: none">• automatic• manual If Auto Adjust is enabled, the display brightness depends on the light conditions. This saves battery power. Backlight lifetime 30,000 hours Guaranteed backlight lifetime when the Always Active Display toggle is enabled. It can be adjusted in Ajax apps and activates only when external power is connected. User interface <ul style="list-style-type: none">• dark• light

Key features

Panic buttons

- panic
- fire
- auxiliary alarm

Sending an alarm or calling for help from the separate keypad tab.

Control

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

Contactless access

DESFire® EV1, EV2

ISO 14443-A (13.56 MHz)

Access codes

up to 50 personal codes

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

1 keypad code

Per each KeyPad TouchScreen.

Duress codes

up to 50 personal codes

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

1 keypad code

Per each KeyPad TouchScreen.

Codes for unregistered people

up to 50 personal codes

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

Arming without entering a code

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

Group management

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

Scenarios management

A separate keypad tab contains up to 6 buttons, and each one can control one automation device or a group of devices.

Indication of malfunctions and security mode

- display
- logo
- sound indication

If enabled, the logo lights up red continuously or when the system or group is armed. KeyPad TouchScreen indication is shown on the display only when it is active. A built-in buzzer notifies about alarms, door openings, and entry/exit delays.

Fire alarm muting

Turns off the fire detectors alarm, including the interconnected alarm.

	<p>User pre-authorization When the feature is enabled, viewing the current system status and control screen is unavailable. For access, the user must pre-authorize: enter a code or present a personal access device to the keypad.</p> <p>Contactless authorization with a smartphone A smartphone with the installed Ajax app and Bluetooth Low Energy (BLE) support can be used 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 higher.</p> <p>Auto screen wake-up The keypad wakes up automatically when approaching it. The approaching distance can be adjusted in the app.</p> <p>Remote firmware update When a new firmware is available, an admin or PRO with the rights to configure the system can run the update in Ajax apps.</p>
Recommendations	The device is designed for indoor use only. Please note that the keypad must be connected to an external power supply to keep the screen always active.
Sabotage protection	<p>Unauthorized access auto-lock The keypad locks 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 a user with admin rights in the Ajax app.</p> <p>Tamper alarm Notifications on attempts to detach the keypad from the surface or remove it from the mounting panel.</p> <p>Holding screw To secure the keypad on SmartBracket.</p> <p>Protection against spoofing device authentication</p> <p>Communication loss detection after 36 s Detection time depends on the Jeweller/Fibra settings.</p>
Power supply	<p>Fibra line 7–30 V$\overline{=}$, up to 54.6 mA The keypad is powered by the control panel. Connect the external power supply for the Always Active Display mode.</p> <p>Backup batteries 2 × LTO AA Pre-installed.</p> <p>External power supply 10.5–14 V$\overline{=}$, from 0.5 A The recommended voltage of the power supply is 12 V$\overline{=}$. External power supply is not included. It is needed for the Always Active Display mode.</p>
Enclosure	<p>Dimensions 171 × 82 × 28 mm 6.74" × 3.23" × 1.1"</p> <p>Weight</p>

	<div>327 g</div> <div>11.54 oz</div> <div>Operating temperature range from -10 °C to +40 °C</div> <div>from 14 °F to 104 °F</div> <div>Operating humidity up to 75%</div>
Colours	Black White
Complete set	Superior KeyPad TouchScreen Fibra SmartBracket mounting panel 2 LTO AA backup batteries (pre-installed) Installation kit Quick start guide
Warranty	24 months