

The logo consists of the word "iLOCK" in a white, sans-serif font, centered within a solid blue rectangular background. The background of the entire page is white with a light gray dot grid pattern.

# iLOCK

## Technical specification

[contact@ilocksystems.com](mailto:contact@ilocksystems.com)  
[www.ilocksystems.com](http://www.ilocksystems.com)  
tel. + (48) 61 669 06 87

wsparcie techniczne:  
[support@ilocksystems.com](mailto:support@ilocksystems.com)

## Technical specification of the iLOCK system.

Product characteristics:

- Allows to connect 4 independent passages in one system, e.g. door, gate, garage door, 2<sup>nd</sup> door
- Controlling entrances remotely by mobile application (iOS, Android)
- List of occurrences – who, when and how (by the app, or using fingerprint scanner) has activated the passage – possibility to using in small company for time attendance system. Checking when specific person enter the door or when the cleaning service start their work.
- Connect window shutters, garage doors, gates, doors and windows\*
- E-mail notifications – sending notifications to selected users about:
  1. Passage opened for too long – by default iLOCK will send a notification when the passage is opened for longer 10 minutes, e.g. main doors are opened for longer than 10 minutes
  2. E-mail notifications of activating passage by specific user, e.g. child is about to return home at the particular time, parent wants to get an e-mail notification as soon as child comes back to home.
- Possibility of connecting 4 independent sensors, which informs about opened passage, e.g. garage gate is not closed, main doors are open, etc.
- Up to 4 fingerprint readers can be connected, e.g. main doors, gate, garage doors, back door to building, CEO office, warehouse, room with corporate documents.
- Possibility of connecting radio control modules - up to 4 channels – range to 100 meters in straight line on an open area – used when there is not any possibility to send signals by wires.
- Time schedules - ability to assign a schedule for access passage to specific users or fingerprint readers, e.g. cleaning service can access the door only on Mondays from 8:00 a.m. to 10:00 a.m. when someone from the service will try to access the door sooner or later or even in different day, access will be denied. Schedules enter the office, e.g. from Monday to Friday from 7:00 till 18:00.
- Full system management from the mobile app – adding and deleting users, passage control, setting times, schedules, notification options, adding and configuring fingerprint readers.
- Secure app communication with the control unit using the latest and safest security methods: SSL, SHA256, OAuth2, AES



\*The ability to connect external devices depends on the interfaces provided by these devices.

LOCK control unit - technical data:

Parameter	Value
Power supply voltage	12V DC
Power consumption	3A
Power Supply	12V DC 5A
Current capacity of relays	Max. 6A 230V AC or 2A 12V DC
Communication interface for fingerprint readers, Distance from the reader to the iLock	RS-485,max. 100m
Environmental class	Class I, Internal conditions, ambient temperature: +5°C - +40°C, relative humidity: 10-95% (without condensation)
Warranty	24 months
Certificate	CE
Weight	900g

iLOCK fingerprint reader – technical data

Parameter	Value
Power supply voltage	12V DC
Protection rating	IP 65
Power Supply	12V DC
Communication interface for fingerprint readers, Distance from the reader to the iLock	RS-485,max. 100m
Temperature of work	-40°C - +85°C, relative humidity: 10-95% (without condensation)
Warranty	24 months
Certificate	CE, VDS
Weight	100g