

Purpose

U-PROX MPX LE Kit – the essential starter kit of U-PROX wireless alarm devices for protecting against intrusion into premises. This kit forms the foundation of a security system. These devices are sufficient to secure a small premises or apartment.

The kit includes an arming/disarming device – a fob, a sensor for detecting human motion, a sensor for detecting the opening of doors or windows, and a security center [U-PROX MPX LE](#).

Kit Contents

The kit includes:

[U-PROX MPX LE](#) – the security center

[U-PROX WDC](#) – a universal wireless door and window open sensor

[U-PROX PIR Cam](#) – a wireless motion detector with a camera, insensitive to pets

[U-PROX Keyfob B4](#) – a wireless 3-button fob

U-PROX PSU-07 – an external 12V power supply with a standard DC5.5*2.1 connector

Operating Principle

The security center features fast communication channels via Wi-Fi and LTE with slots for two SIM cards, through which the device connects to:

- the U-PROX SAS Cloud for transmitting statuses, notifications, and control via the user mobile app
- the U-PROX SAS Cloud for configuration via the installer mobile app
- an event receiver or the monitoring software of the security company
- the U-PROX SAS Cloud for transmission to the security company's event receiver

The sensors interact with the security center using two-way encrypted radio communication.

When a breach is detected, the sensors send a signal to the security center, which in turn forwards it to the security company and the owner of the secured premises.

Thanks to the fob included in the kit, the owner can arm or disarm the premises and also send a panic signal to the security company.

Installation and Configuration

The complete configuration of the security system is performed using the free U-PROX Installer mobile app – from its registration in the cloud to the registration of sensors and the addition of users.



The system installer can view the status of each device, configure and update them, test radio communication, etc., but cannot control the system – that is, cannot arm or disarm it.

For security company specialists or individual installers, an advanced U-PROX Installer WEB application is available. The web interface allows you to configure the security company, add its employees, view and set parameters for U-PROX security systems, and monitor their status.

System Control

The U-PROX Home app is designed for controlling the system. This mobile app features an intuitive information panel developed for effective management of your security system as soon as you launch the app.



With this app you can:

- Control the system – set it to different modes such as “Home” and “Full Security”.

- Arm and disarm all or several groups (areas) simultaneously
- Activate the panic button with transmission of the user's geolocation
- Receive push notifications with important information
- View all notifications in the event log as needed
- Manage sensors and automation devices
- Configure temperature thresholds on sensors and trigger actions on controlled devices based on these thresholds
- View statistical data on temperature, sensor battery levels, network data usage, and remaining SIM card balance
- Receive alerts about air raid announcements
- Manage users – add, remove, and configure permissions
- Receive geolocation-based reminders for arming or disarming the system
- Receive photos from [U-PROX PIR Cam](#) sensors for alarm verification
- Receive photos from [U-PROX PIR Cam](#) on demand
- View video from P2P cameras or via the RSTP protocol from cameras and NVR/DVR, both in alarm mode and on demand

Expanding the Capabilities of the Starter Kit

The capabilities of the starter kit can be significantly expanded by adding additional security sensors, both indoor and outdoor, water leak and smoke detectors, automation and integration devices, sensors with photo verification, and radio transmitters for covering a large area.

Intrusion Protection

Premises can be further secured using window and door open sensors, motion and glass break sensors, sensors with photo verification, etc. An internal siren is used to deter intruders.

Perimeter Protection

For protecting the area around the house, outdoor motion sensors are used, and loud external sirens are used for deterrence.

System Control

Advanced system control is performed using touch keypads. There is also a multifunctional button with a fixed mounting option – both for transmitting a panic signal and for controlling automation.

Water Leak Prevention

Water leak prevention is provided by water leak sensors and motorized valve control devices.

Fire Prevention

Fire prevention is provided by smoke detectors with built-in sirens and by disseminating alerts to all detectors in the security group for a timely response.

Automation

Control of gates, locks, turning lights on and off, and management of 220V devices with the ability to measure their consumption using miniature relays.

Integration

Wireless modules for connecting wired equipment – for example, to upgrade older alarm systems, modules for connecting infrared barrier sensors to warn of intrusions, etc.

Features of the Starter Kit

The primary purpose of the security system is to promptly and quickly notify the owner of the premises and the security company of unauthorized entry or an emergency, thereby ensuring an immediate response.

Installing a security system does not guarantee complete protection of property from intruders, but its presence significantly reduces the risk of damage.