

Purpose

U-PROX MPX LE Kit – the essential starter kit of U-Prox wireless alarm devices for protecting an interior from intrusion. This kit is the starting point for building a security system and is sufficient for securing a small premises or apartment.

The kit includes an arm/disarm device – a key fob, a motion detector for detecting human movement, a door/window contact sensor, and the security center [U-PROX MPX LE](#).

Kit Contents

The kit contains:

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

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

[U-PROX PIR](#) – a wireless motion detector that is pet-insensitive

[U-PROX Keyfob B4](#) – a wireless key fob with 3 buttons

U-PROX PSU-07 – an external 12V power supply unit with a standard DC 5.5×2.1 connector

Principle of Operation

The security center is equipped with fast communication channels—Ethernet, Wi-Fi, and LTE—with slots for two SIM cards. Using these channels, the device connects to:

- the U-PROX SAS Cloud for transmitting statuses, notifications, and for remote control from the user's mobile application;
- the U-PROX SAS Cloud for configuration via the installer's mobile application;
- an event receiver or monitoring software provided by the security company; and
- the U-PROX SAS Cloud for transmission of events to the security company's receiver.

The sensors communicate with the security center using bidirectional encrypted radio communication.

Upon detecting an intrusion, the sensors send a signal to the security center, which then notifies both the security company and the owner of the protected premises.

Thanks to the included key fob, the owner can arm or disarm the premises and also send

an emergency alert to the security company.

Installation and Configuration

The complete configuration of the security system is performed using the free U-PROX Installer mobile application—from registering the system in the cloud to enrolling sensors and adding users.



The installer can monitor each device's status, configure and update them, test radio connectivity, and more; however, the installer does not have the ability to arm or disarm the system.

For security company specialists or individual installers, an advanced U-PROX Installer WEB application is available. This web interface allows for configuring the security company, adding personnel, adjusting the parameters of U-PROX security systems, and monitoring their status.

System Management

The system is managed using the U-PROX Home mobile application. This user-friendly app features an intuitive dashboard designed to effectively manage your security system as soon as it is activated.



With the app, you can:

- Control the system by arming it in various modes (“Home” and “Full Protection”);
- Arm or disarm all or selected groups (rooms) simultaneously;

- Use the panic button to send your geo-location along with an emergency alert;
- Receive push notifications with important information;
- View all alerts in the event log when needed;
- Manage sensors and automation devices;
- Set temperature thresholds for sensors and configure corresponding actions for connected devices;
- Access statistical data on temperature, sensor battery levels, network data usage, and remaining SIM card balance;
- Receive alerts about public safety announcements (e.g. airborne alarms);
- Manage users by adding, deleting, and configuring permissions;
- Receive geolocation reminders for arming/disarming;
- Obtain photos from [U-PROX PIR Cam](#) sensors for alarm verification;
- Request photos from [U-PROX PIR Cam](#) sensors on demand; and
- View video from P2P cameras or via the RTSP protocol from cameras and NVR/DVR systems during alarms or on demand.

Expanding the Capabilities of the Starter Kit

The functionality of the starter kit can be greatly enhanced by adding extra security sensors—both indoor and outdoor—water leak and smoke detectors, automation and integration devices, photo-verification sensors, and radio repeaters for covering larger areas.

Intrusion Protection

Enhance the security of your premises with door/window contact sensors, motion and glass-break detectors, photo-verification sensors, etc. An internal siren acts as a deterrent to intruders.

Perimeter Protection

Outdoor motion sensors and loud external sirens are available to protect the area around your building.

System Control

Advanced system management is carried out via touch keypads. A multifunctional button, which can be fixed in place, is also available for both sending an emergency signal and controlling automation devices.

Water Leak Prevention

Water leak sensors and motorized valve controllers are provided to help prevent water damage.

Fire Prevention

Smoke detectors with built-in sirens that broadcast alerts across all devices in a security group are available to ensure timely fire response.

Automation

Control over gates, locks, lighting, and 220V devices—with the capability to measure power consumption using miniature relays—is provided.

Integration

Wireless modules for connecting wired equipment (for example, to upgrade older alarm systems) and modules for connecting infrared barrier sensors for intrusion warnings are also available.

Features of the Starter Kit

The primary purpose of the security system is to promptly notify the property owner and the security company of any unauthorized intrusion or emergency situation, ensuring immediate response.

Although installing the security system does not guarantee complete protection against intruders, its presence significantly reduces the risk of property damage.