Purpose

U-PROX MPX L Kit – the essential starter kit of U-Prox wireless security devices for protecting an interior from intrusion. This kit is the foundation upon which the security system is built and is sufficient for securing a small space or apartment.

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

Kit Contents

The kit includes:

[**U-PROX MPX L**](#) – 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 offers fast communication channels via Wi-Fi and LTE and has slots for two SIM cards. With these, the device connects to:

- The U-PROX SAS Cloud for transmitting statuses, alerts, and for user control via the mobile application;
- The U-PROX SAS Cloud for configuration through the installer's mobile application;
- An event receiver or monitoring software provided by the security company; and
- The U-PROX SAS Cloud for delivering events to the security company's event receiver.

All sensors communicate with the security center via secure, bidirectional, encrypted radio links.

Upon detecting an intrusion, the sensors send an alert signal to the security center, which in turn 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 signal to the security company.

Installation and Configuration

The entire security system is fully configured using the free U-PROX Installer mobile application—from registering the system in the cloud to enrolling sensors and adding users.

The installer can view the status of each device, configure and update them, test radio connectivity, etc. However, the installer does not have the capability 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 configuration of the security company, adding personnel, setting up parameters for U-PROX security systems, and monitoring their status.

System Management

The U-PROX Home mobile application is provided for system management. This intuitive app displays a comprehensive dashboard for managing your security system immediately after it is activated.

Using the app, you can:

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

- Use the panic button to send your geo-location along with an emergency signal;
- Receive push notifications with critical information;
- Review all alerts in the event log as needed;
- Manage sensors and automation devices;
- Set temperature thresholds for sensors and configure corresponding actions for connected devices;
- View statistical data regarding temperature, battery level of sensors, network data usage, and remaining funds on the SIM card;
- Receive alerts regarding public safety announcements (airborne alarms);
- Manage users by adding, deleting, and setting permissions;
- Receive geo-location reminders for arming or 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 both during alarms and on demand.

Expanding the Capabilities of the Starter Kit

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

Intrusion Protection

Increase the protection of your premises by adding door/window contact sensors, motion and glass-break detectors, photo-verification sensors, etc. An internal siren is used to deter intruders.

Perimeter Protection

Outdoor motion sensors and loud external sirens are available for protecting the area around your home.

System Control

Advanced system control is provided by touch keypads. A multifunctional button is also available that can be fixed in place for both sending an emergency signal and controlling automation functions.

Water Leak Prevention

Water leak sensors and motorized valve control devices are designed to prevent water damage.

Fire Prevention

Smoke detectors with built-in sirens that broadcast alerts to all detectors in the security group are provided for timely fire detection.

Automation

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

Integration

Wireless modules for connecting wired equipment (for example, to upgrade older alarm systems) and modules for connecting infrared barrier sensors to warn of intrusions 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 unauthorized access or emergency situations, ensuring immediate response.

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