inbraak en toegangscontrole producten

U-PROX | ENGINEERS
CREATE SECURITY

vssnederland.nl

CONTENTS

About us

Ukrainian manufacturer of security systems and market leader in the production of readers, controllers, software and related equipment for control management systems and access control.
Our devices, created by experienced engineers, are used in more **than 100,000 homes and offices in more than 50 countries around the world**, providing reliable solutions for safety and comfort for our customers.

«We are an ambitious business that strives to achieve more»

+50 countries	+5k installers	2m+ devices	250+ employees	86 patents
We serve over 100 thousand homes and offices in more than 50 countries, providing reliable security solutions	More than 5 thousand professional installers in different countries guarantee safety and comfort of our customers.	We have produced more than 2 000 000 units of equipment for security systems and access control	A team of more than 250 specialists works on innovative solutions for safety and comfort of customers	Which protect unique developments and innovations, providing leadership in implementation of modern technologies

CERTIFICATES
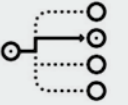
SECURITY
AND COMFORT

WHAT YOU GET FROM THE SECURITY SYSTEM

Photo and video verification

Detection of intrusion into the premises or territory

Fire detection

Identification of flooding

Facility automation

RADIO COMMUNICATION

2

Two independent radio modules

Radio frequency hopping to improve communication reliability

4800 m

Radio signal range up to 4800 m in the line of sight

AES 256 bit

Two-way communication, encrypted with 256-bit key

Automatic power control

WoR

The device «wakes up» to perform actions

OTA device updates

Automatic event routing

U-PROX MPX security control panels

U-PROX MPX stands out for its ability to support up to 30 security partitions, 250 zones, 30 keypads, 150 outputs, 8 radio repeaters, and recognition of up to 250 users and 250 key fobs — all connected via a radio channel with a range of up to 4,800 meters

The device interacts with the user and the security company using the Internet (Ethernet or Wi-Fi) and 2G or 4G modem for backup.

| LAN | Wi-Fi | SIM 2G/4G | Cloud configurable | Push notification call notification | Mobile APP | Geo tags | Monitoring station connectivity |

U-PROX MPX G

- Wi-Fi
- 2G communicator
- 1 SIM card
- 5 U-PROX PIR Cam

U-PROX MPX L

- Wi-Fi
- LTE (4G) communicator
- 2 SIM cards
- 250 U-PROX PIR Cam

U-PROX MPX LE

- Wi-Fi
- Ethernet
- LTE (4G) communicator
- 2 SIM cards
- 250 U-PROX PIR Cam

Motion detectors U-PROX PIR

U-PROX PIR
Passive infrared detector.

Equipped with a PIR sensor, it has a special lens, so it is insensitive to movement of animals weighing up to 20 kg.

U-PROX PIR VB
model of PIR with «vertical barrier» lens

U-PROX PIR Combi
combined wireless
motion detector and acoustic glass break detector.

It is equipped with a PIR sensor and an acoustic system that distinguishes between
low-frequency and high-frequency components of the sound of breaking glass. It is designed to protect any closed residential or industrial premises. The detector has a special lens, so it is insensitive to the movement of animals weighing up to 20 kg

Two detectors in one device: the sensors occupy two separate zones in the system with independent settings and separate notifications to security control rooms.

U-PROX PIR Combi VB
combined wireless
motion detector and acoustic glass break detector.

It is equipped with a PIR sensor and an acoustic system that distinguishes between
low-frequency and high-frequency components of the sound of breaking glass. The detector is designed for perimeter control inside premises, to protect glass structures, windows, doors, garage doors, etc.

U-PROX PIR CAM

is a wireless motion detector with a built-in camera for alarm verification

The device is equipped with a PIR sensor, a camera with a resolution of up to 640x480 pixels, and infrared LED camera flash.

Infrared LED camera flash up to 8 meters for shooting in dark or low light conditions

Photo transfer time from up to 9 seconds depending on the resolution

Number of photos per alarm from 1 to 5

The device is designed to protect any closed residential or industrial premises with photo confirmation of intrusion.

RT communication
Up to 4800м in the line of sight

U-PROX PIR CAM OUTDOOR

wireless motion detector with a built-in camera for protecting the surrounding area

It has advanced motion detection algorithms, digital temperature compensation and an optical anti-masking protection system.

The camera has a resolution of up to 640x480 pixels and infrared LED camera flash.

An optoelectronic system with two PIR sensors detects the movement of warm targets, the processor filters out interference, analyzes masking, and sends notifications to the security center. IP54 climate protection.

Dual detection technology 2 x PIR sensors
Detection range: 15 м. Detection angle: 90°

Anti-masking
Supports Active IR Anti-masking, prevents sabotage

Long battery life
Up to 5 years on a single charge

Communication RT
Up to 4800 m in the line of sight

U-PROX PIR OUTDOOR V2

**wireless motion detector for protecting
the surrounding area**

It has advanced motion detection algorithms, digital
temperature compensation and an optical
anti-masking system.

The optoelectronic system with two PIR sensors
detects the movement of warm targets, the processor filters
out interference, analyzes masking, and issues notifications
to the security center. IP54 climate protection.

Dual detection technology 2 x PIR sensors
Detection range: 15 м. Detection angle: 90°

Anti-masking
Supports Active IR Anti-masking, prevents sabotage

Long battery life
Up to 5 years on a single charge

Communication RT
Up to 4800 m in the line of sight

U-PROX WDC

wireless universal magnetic contact sensor

Designed to monitor the state of structural elements
for opening or displacement, in order to detect any
attempt to enter the premises.
It is used to protect doors and windows.

The detector features a sealed housing.
It includes contacts for connecting a wired detector,
such as a reed switch, as well as an arming LED.
It is tamper-protected and operates on battery
power for up to 5 years

Communication RT
Up to 4800 m in the line of sight

Available in three
body colors: white, black and
brown.

U-PROX WDC UNI
universal wireless opening sensor for doors and windows with tilt sensor and shock detection

It responds to any attempt to enter the room through doors or windows. The device can also be used to protect an open window in ventilation mode.

The detector features contacts for connecting a wired sensor, such as a reed switch. It also supports integration with roller shutter controllers via a pulse counter input and a 3V output for controlling the shutter. This enables efficient roller shutter control and movement monitoring.

The detector's sensors are assigned to two separate zones in the system, with independent settings and separate notifications sent to the security control rooms.

It has a sealed housing, is protected by a tamper mechanism, and operates on battery power for up to 5 years.

Available in three body colors: white, black and brown.

Communication RT
Up to 4800 m in the line of sight

U-PROX SMOKE
wireless optical smoke detector designed for detection of smoke in residential and industrial premises

The device does not prevent a fire, but it allows for the timely detection of its first sign — smoke — helping to save lives.
It can operate autonomously, even if communication with the security panel is lost.

A dual-chamber optical sensor and a unique drift compensation mechanism — including compensation for smoke chamber contamination — automatically adjust the detector's sensitivity back to factory levels during operation, reducing the need for frequent maintenance.

Each properly installed additional detector potentially increases the available evacuation time, as all devices emit an audible alarm when smoke is detected

Protection against fire

U-PROX WATER
is a wireless sensor designed to detect water leaks.

The device sends flood notifications to the security center. It can be used in water supply automation and control scenarios. Does not require installation. For use with indoors.

Accelerometer for controlling the rollover

Communication RT
Up to 4800 m in the line of sight

U-PROX EXTENDER

a radio repeater that allows you to significantly increase the range of radio communication between the security center and other devices of the security system

The radio repeater automatically determines which devices need to be relayed. Thanks to intelligent algorithms, the repeaters and the security center automatically agree on the most optimal data transmission route.

Range increase by 2 times
(up to 9600 m)

Retransmission
with automatic
event routing

U-PROX KEYPAD G1

wireless keypad that controls with one security partition

U-PROX KEYPAD G4

wireless keypad that controls four security partitions

Keypads are designed for arming and disarming, indicating alarms, device states, and interacting with the alarm user. Automatic activation to count down the entry delay. Support for duress code.
Keypads will lock for 10 minutes after the fifth attempt to enter the wrong code.
Automatic activation for countdown of the time delay. Support for the "forced" code. The function of changing the code by the user directly from the keypad.

User code management
Self-replacement

Built-in buzzer
Alerts and sound prompts

Communication RT
Up to 4800 m in the line of sight

Battery life
Up to 2 years of operation

LED Indication
To display the system status

U-PROX KEYFOB

The key fob is designed to control the security system

It has two buttons for arming and disarming, one programmable button and an LED indicator for interacting with the user of the alarm system.

It has four functions on three buttons. Can be used as a panic button.

Communication RT
Up to 250m in the line of sight

U-PROX KEYFOB B4

key fob with extended radio communication range

It has four buttons: two buttons for arming and disarming, two programmable buttons, and an LED indicator for interaction with the alarm user.

It can also be used as a panic button.

Communication RT
Up to 1000m in the line of sight

U-PROX BUTTON

wireless panic button/button for controlling automation

It has one programmable button and an LED indicator for interaction with the alarm user.

It can be used as a panic (seizure) button, medical alarm button, silent alarm button.

It comes with a mounting bracket.

Communication RT
Up to 300m in the line of sight

U-PROX SIREN
wireless siren for indoor use

This siren responds promptly to activations from the control panel's wireless sensors. It's further enhanced with integrated contacts, allowing connections to an arming information LED and an external reed switch for added functionality.

Loudness
up to 85 dB

LED indication
Shows the current state of the system

Battery life
Up to 5 years of work

Connectors
1 – security zone and connection of the information LED

U-PROX SIREN OUTDOOR
wireless outdoor siren

This siren activates a loud alarm in response to triggers from the U-PROX security hub's wireless detectors. Placed externally, its primary function is to alert to potential hazards or deter unauthorized entrants.

Intensity
Adjustable, up to 113 dB

LED indication
Shows the current state of the system

Battery life
Up to 5 years of work
12V DC input for stationary power supply

Communication RT
Up to 4800m in the line of sight

AUTOMATION AND INTEGRATION

U-PROX MULTIPLEXER

a module for connecting wired security equipment, renovation of old wired systems

Designed for connecting wired security equipment (sensors, IR barriers, gas detectors, wired sirens) to a wireless security hub. It has 12V outputs for powering sensors and built-in Lion batteries for power backup. It is installed inside the premises

8 зон з контролем опору

Резервування живлення - дві батареї 2500 мАг, до 10 годин.)

Термін служби батареї до 5 років роботи
Вхід постійного струму 12 В
для стаціонарного живлення

U-PROX WIREPORT

wireless module with three inputs

Wireless sensor connection and power supply module, 2 zones, tamper

Designed for connecting wired security equipment (sensors, IR barriers) to the U-PROX wireless security hub.

Power
Up to 5 years of work

Alarm input 2 - security zones, tampered contact. Pulse count function

Ease of installation
Placement in or near the detector

U-PROX RELAY DC

wireless low-current relay

Designed for remote control of devices

Input current
250VAC/10A or 30VDC/10A DC

Output current
10,8...14,8V DC

Programmable output

Easy operation
Convenient installation for users

U-PROX RELAY AC

wireless relay

Designed for remote control of device power supply

Output current
250VAC/10A

Counter module
Measurement of consumption

Programmable output

Communication RT
Up to 4800 m in the line of sight

U-PROX VALVE KIT
water supply management kit

The valve kit is used in water supply or irrigation systems. The motorized valves from KLD are available in DN15 (1/2»») or DN20 (3/4»») sizes.

Opening and closing of the valve, up to 5000 cycles and automatic "cycle" every two weeks to prevent souring. The device detects and displays valve closing and opening faults. Convenient manual override element for emergency control.

Flood protection

MOBILE APPLICATIONS
AND WEB PLATFORM

HOME APP

U-PROX security system management app

Selecting the partition display mode.

Receive notifications of system alarms.

Setting up and viewing video from iMou/Dahua and RTSP cameras video stream, photos from PIR CAM detectors.

Mobile panic button
.
Manage security partitions and automation devices
Arming "Home" and "Full Security"

Event log with filtering.

Manage system users - add, delete, change code.

Flexible access rights - the user sees only his/her security partition, events, and notifications.

Setting temperature limits in detectors to receive notifications and implement scenarios for actuators.

Viewing statistics on temperatures, charge level of detector batteries, network data usage, and SIM card balance.

The user can independently reconfigure the Wi-Fi connection.

U-PROX Home can track the geo-position to remind of arming.

Get it on Play Store

Download on the App Store

INTEGRATION WITH VIDEO SURVEILLANCE

- Support for RTSP video stream from any cameras or DVR/NVR in the U-PROX Home user application
- Support for P2P (cloud) IMOU/DAHUA cameras in the U-PROX Home user application
- Users can watch live videos from their homes
- User can view video from cameras in case of alarm
- Cameras are tied to detectors to determine their coverage area
- In the event of an alarm, view videos from triggered sensor zones during alarm
- Video surveillance helps filter out false alarms
- The user can save photos (still frames).
- Unlimited camera integration in U-Prox Home«

ZKTeco · Hanwha Techwin · atis · mi · TEKSAR
HIKVISION · Tiandy · UNV · RCI
IMOU · reolink · dahua · PARTIZAN · tp-link

INSTALLER APP & WEB

Application and WEB client to configure the U-PROX security system

Create a system and configure all its elements.

Adding system users and configuring mobile access.

Fine-tune the system: obtain technical parameters of the wireless elements of the system.

View the status of wireless system elements.

Initial configuration of Wi-Fi and other network parameters from a smartphone.

Set up Wi-Fi remotely from the cloud.

Setting up schedules and system behavior scenarios.

Check the quality of radio communication and detector operation.

Setting up communication with the monitoring center receivers.

Update the firmware of the hub and detectors.

Viewing the event log with filtering by type.

Online viewing of data on temperature, charge level of detector batteries, and network data usage.

U-PROX SAS CLOUD

The U-PROX SAS CLOUD provides a flexible environment, convenient for both standalone installations and large security corporations

Autonomous installation

For your own monitoring without central monitoring station. You can choose security company to connect to.

Universal type of security company

The security company has monitoring stations, its own installers and service. Users interact directly with the security company.

Monitoring company

Receives events and reacts to them

Installer company

Installs, configures, maintains devices and connects them to monitoring companies. Users interact directly with the installation company
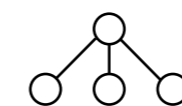
Corporate structure

One company or dealer in the region manages other subsidiaries

# SECURITY COMPANIES AND MONITORING
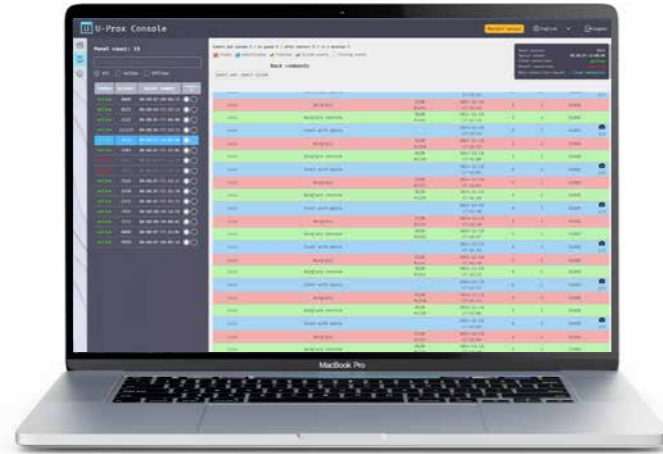
Console v2 (Translastor)

The U-PROX alarm system is compatible with most monitoring software that supports Contact ID, SIA DC09, and XML data formats. The U-PROX Console V2 software facilitates this connection.

Reports on the history of events.

Black list and whitelist of devices.

Map view according to "Panic" (attack) event coordinates.

Photo verification (photo review) of alarming events with U-PROX PIR Cam.

Software for Windows and Linux.

WEB-interface for controlling U-PROX devices.

Controls the uniqueness of U-PROX devices (imitation resistance).

View event history.

UMS MONITORING SYSTEM

For your own monitoring without central monitoring station. You can choose security company to connect to.

Automation of the processes of processing events from security devices from different manufacturers.

Personnel management and workload/reporting view for each employee

The whole history of interaction with the client in one place.

Photo/video verification - viewing photos/videos before alarm events by the operator.

A single interface for any platform (Windows, Linux, Mac).

Technical applications and control execution by the manager.

Flexible choice of ways to inform - call, message, messengers (Telegram) and control of the information received.

Guaranteed informing of all responsible persons about the events persons.

ACCESS
CONTROL

SL/SE series readers* lineup

Interfaces for controllers: Weigand, RS485 (OSDP), Touch memory

Easy configuration from the U-PROX Config mobile app

SL keypad / SE* keypad

Universal multi-format ID reader with keypad

SL steel / SE* steel»

Universal multi-format reader of identifiers in the anti-vandal housing

SL maxi / SE* maxi

Universal multi-format reader identifiers

SL mini / SE* mini

Universal multi-format reader identifiers

Desktop

USB reader for encryption and logging identifiers

SE* slim

Universal multi-format reader identifiers with a surface with tempered glass surface

* seria SE supports OSDP protocol

Identifier standards supported by readers: BLE 2.4 GHz (U-PROX ID, U-PROX TAG), 125 kHz (ASK, FSK), 13.56 MHz (Mifare Classic, Mifare Plus, DESFire), NFC (U-PROX ID, Bank card)

U-PROX ID
phone key for for U-PROX readers

Your smartphone is not only a phone, but also a universal mini-computer, photo and video camera, maps and navigation, mail, personal banking. And now also a convenient and secure means of access - electronic key

- Always with you - Convenient to use at every step: from parking lot to the hotel
- Convenient and simple user interface - Multiple credentials in one phone - Cardless access to the premises - Works at a distance of 0.2 - 15 m
- Secure connection with the reader via 2.4 GHz radio interface or NFC
- Each U-PROX ID is assigned to a to a mobile device
- Identification and access to smartphone content only by fingerprint or code

Contactless active BLE identifiers for U-PROX readers

U-PROX TAG

- Authorization of system users access control in the »hands-free» mode (hands-free)
- Range - up to 12 m
- Has a built-in button for manual activation»

U-PROX AUTO TAG

- Authorization of vehicles in automatic mode
- Range - up to 12 m
- Has a sealed housing

CONTROL OF DOORS AND TURNSTILES
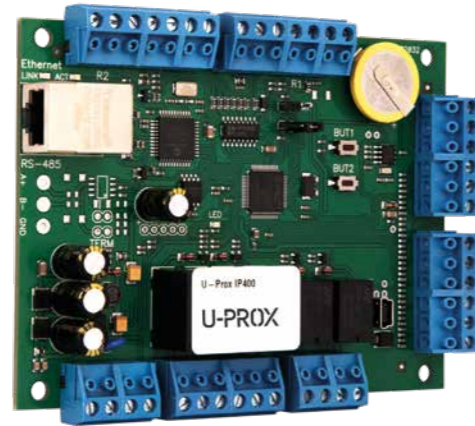
NETWORK CONTROLLER IP400 (IP400 EM)

Working with TCP and UDP protocols, works behind NAT, supports DHCP.

Firmware update is done over the network.

Each installation of U-PROX. WEB installation has its own unique encryption key
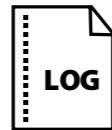
Buffer of 32,000 identifiers, 47,000 events, in the absence of communication with server.

All data is transmitted in encrypted form. Form, each device has a unique ID.

Support for U-PROX IP server software or cloud-based U-PROX ACS CLOUD.

ELEVATOR ACCESS SYSTEM

NETWORK CONTROLLER U-PROX IC E

Designed to control access to floors in elevators.

Supports up to 8 modules U-PROX RM modules (64 floors in total).

Works in TCP and UDP protocols, works behind NAT, supports DHCP.

External power supply 12V.
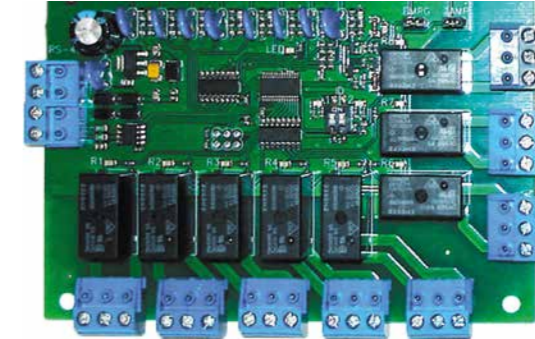
RELAY MODULE U-PROX RM

An integral part of the elevator controller U-PROX IC E.

8 relay outputs NC/NO 5A 30VDC 240VAC (control of 8 floors),8 inputs.

External power supply 12V.

U-PROX WRS485
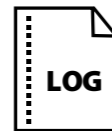
Converter of Wiegand interface to RS485 and in the opposite direction.

External power supply 12V.

SINGLE DOOR CONTROLLER IP401

Working with TCP and UDP protocols, works behind NAT, DHCP support

Buffer of 10,000 identifiers, 20,000 events, in the absence of communication with server.

The firmware is updated via the network.

All data is transmitted in encrypted form, each device has a unique ID.

Each installation of U-PROX. WEB installation has its own unique encryption key.
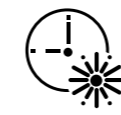
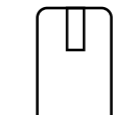Support for U-PROX IP server software or cloud-based U-PROX ACS CLOUD.
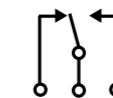
AUTONOMOUS CONTROLLER CLC G80

Easy to set up from the mobile application U-PROX Config.

Built-in touch-sensitive button to request an exit, or connection of a remote button.

Two schedules - «day» and «night», «free» mode «passage» mode.

Connecting SL or SE series readers

500 identifiers/cards.

Works with NC/NO types control of electric locks.

SOFTWARE ACSC FOR LOCAL SERVER

U-PROX IP/WEB

U-PROX Web provides opportunities for monitoring of events, configuration of equipment, access control personnel access control, and report generation

Workstation «Security guard»
For online event monitoring, staff photo verification, door or turnstile control, and personnel location tracking within the system

Workstation «Personnel»
To configure the enterprise's staff structure and create access rules

Workstation «Pass Bureau»
To add, edit, delete permanent and guest passes.

Workstation «Reports»
Enables the generation of reports on system status, events, staff and visitors, as well as tracking and recording working hours
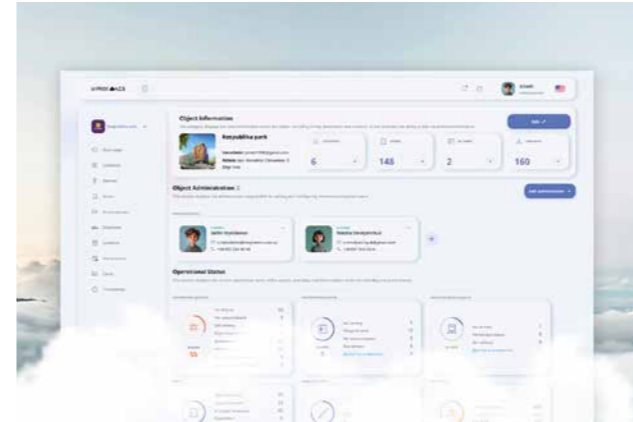
Workstation «Administrator
For fine-tuning access rights for of system operators, door control and controller updates

Workstation «Installer»
Monitoring the status and versions of devices

CLOUD SOFTWARE ACSC

U-PROX ☁ACS

U-PROX ACS CLOUD is easy to install and administration of the system without the involvement of IT engineers.
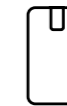
Simple and intuitive interface.

A notification system has been added to deliver real-time updates on critical events within your system
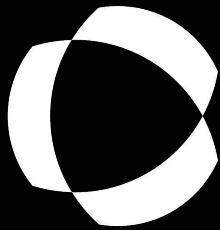
Objects are divided into zones that are easy to configure and manage

We have implemented a visual interface for quick device setup. Now configuration is always fast and easily accessible

Access to objects from any page of the interface ensures convenient management and allows you to instantly navigate to the desired object, regardless of your current location

VSS NEDERLAND
VIDEO SYSTEMS