

U-PROX
PIR Wireless
Immune Motion
Detector



U-PROX PIR Wireless Immune Motion Detector User Manual

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U-PROX

U-PROX PIR Wireless Immune Motion Detector



Product Usage Instructions

Installation

1. Mount the U-PROX PIR using the provided wall bracket or angle bracket.
2. Ensure the device is placed indoors within the specified working distance and detection angle.
3. Insert the CR123A lithium battery into the device.

Configuration

1. Download and install the U-PROX Installer mobile application on your smartphone.
2. Follow the in-app instructions to pair the device with the control panel.

Operation

1. Ensure the device is powered on using the On/Off switch/button.
2. The device will detect motion changes and send alarm notifications to the control panel.

www.u-prox.systems

- support@u-prox.systems
- www.u-prox.systems/doc-pir



WIRELESS PET IMMUNE MOTION DETECTOR

Is a part of the U-PROX security alarm system

User manual

- Manufacturer: LLC INTEGRATED TECHNICAL VISION
- Mykolya Hrinchenka str. 2/1, 03038, Kyiv, Ukraine



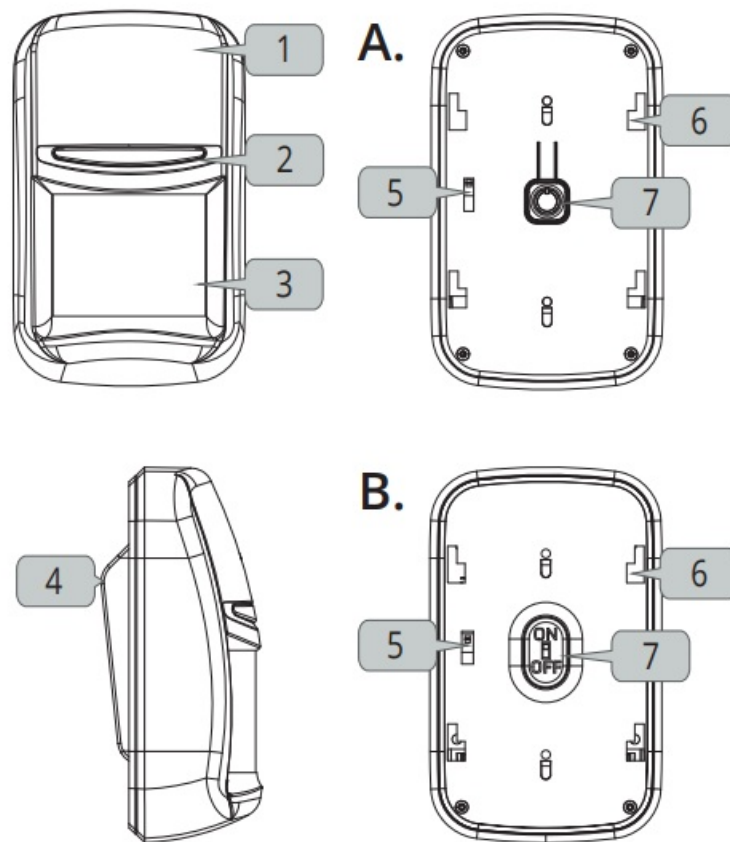
LC INTEGRATED TECHNICAL VISION declares, that the U-PROX PIR complies with the Radio Equipment Directive 2014/53/EU and with the Directive 2011/65/EU (RoHS). The original Declaration of Conformity is available on the website www.security.u-prox.systems in the Certificates section.

U-PROX PIR – is a wireless motion sensor equipped with a EN PIR-sensor and is designed for the security of any indoor residential or industrial premises. When the thermal balance of the environment changes, the device sends an alarm notification to the U-PROX control panel.

For indoor use only.

The device is connected to the control panel and is configured with the U-PROX Installer mobile application.

Functional parts of the device (see picture)



1. Device case
2. Light indicator of the operation modes
3. Fresnel lens
4. Bracket for mounting
5. Tamper switch
6. Back of the device
7. On/Off switch/button

TECHNICAL SPECIFICATIONS

| Motion detector | |
|-----------------------------|---|
| Maximum working distance | 12 m |
| Detection angle | 88° |
| PIR target detection speed | 0.3 to 3 m/s |
| Optical noise immunity | > 6500 Lux |
| Pet immunity | weight up to 20 kg |
| Power | 3V, CR123A lithium battery included |
| Service life of battery | up to 5 years |
| Radio frequency | ISM-band wireless interface with several channels ITU region 1: 868.0 to 868.6 MHz, (EU, UA) 869.0 to 869.4 (MA), bandwidth 100kHz, 20 mW max., up to 4800m (in line of sight); ITU region 3 (AU): 916.5 to 917 MHz, bandwidth 100kHz, 20 mW max., up to 4800m (in line of sight). |
| Communication | Secure two way communication, sabotage detection, key - 256 bits |
| Operating temperature range | -10°C to +55°C |
| Permissible humidity | up to 75% |
| Environmental class | II (according to EN 50131-1) |
| Security grade | 2 |
| Dimensions & weight | 90 x 60 x 34.35 mm & 130 grams |
| with a wall bracket | 90 x 60 x 41.6 mm |
| with an angle bracket | 90 x 60 x 48.84 mm |
| Case colour | white, black |

COMPLETE SET

1. U-PROX PIR;
2. CR123A battery (pre-installed);
3. Wall bracket;
4. Angle bracket;
5. Mounting kit;
6. Quick start guide

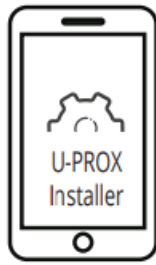
CAUTION. RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE USED BATTERIES ACCORDING TO THE NATIONAL REGULATIONS

WARRANTY

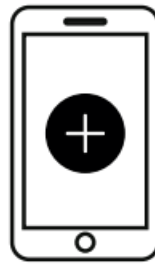
Warranty for U-PROX devices (except batteries) is valid for two years after the purchase date. If the device operates incorrectly, please contact support@u-prox.systems at first, maybe it can be solved remotely.

REGISTRATION

RANGE TEST FOR OPTIMAL



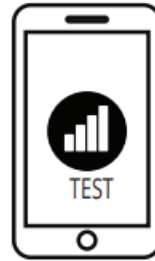
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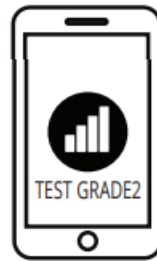
2



1



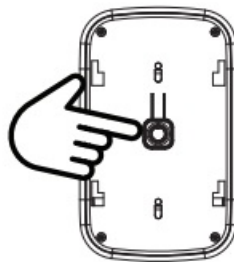
2a



2b



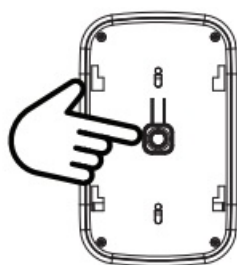
2-3 s



3a



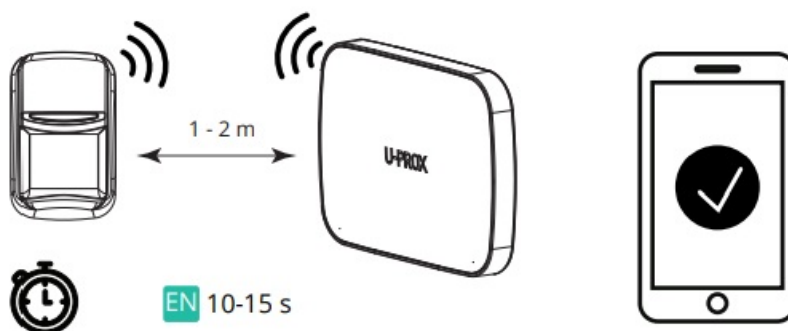
3b



3a



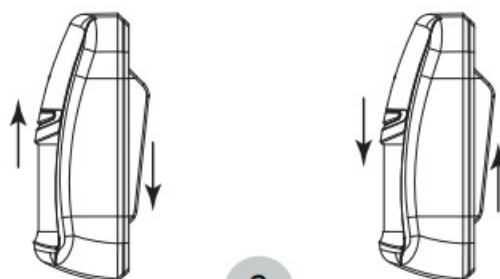
3b



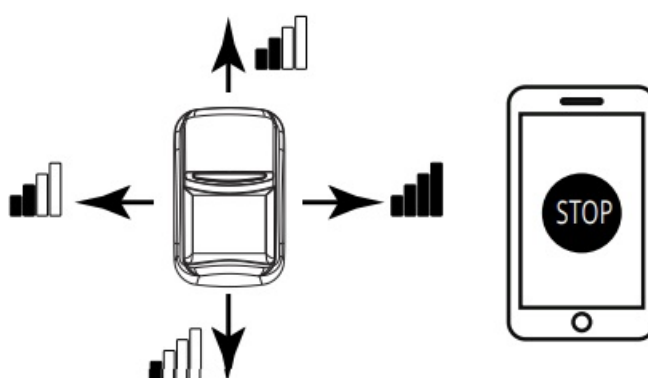
Due to Grade 2 requirement RF link works with reduction of power in 8 dB



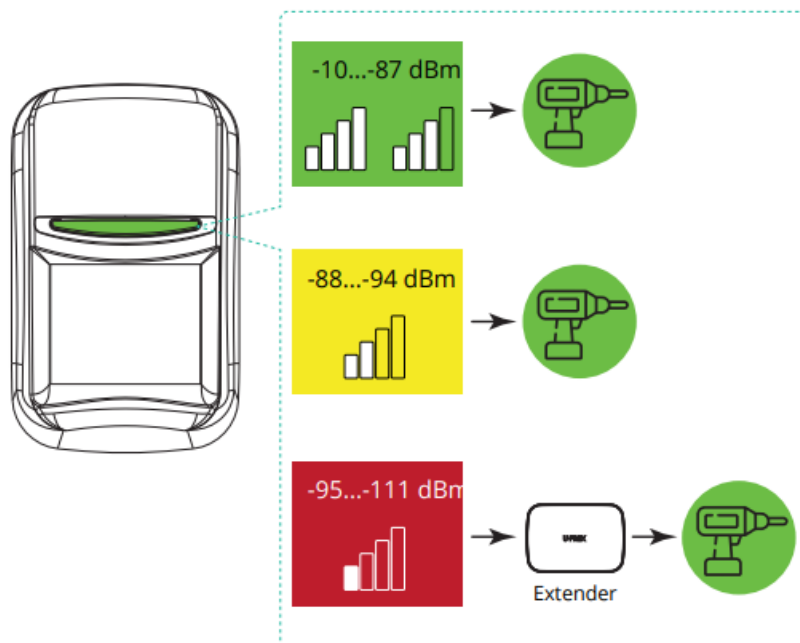
30 min




3

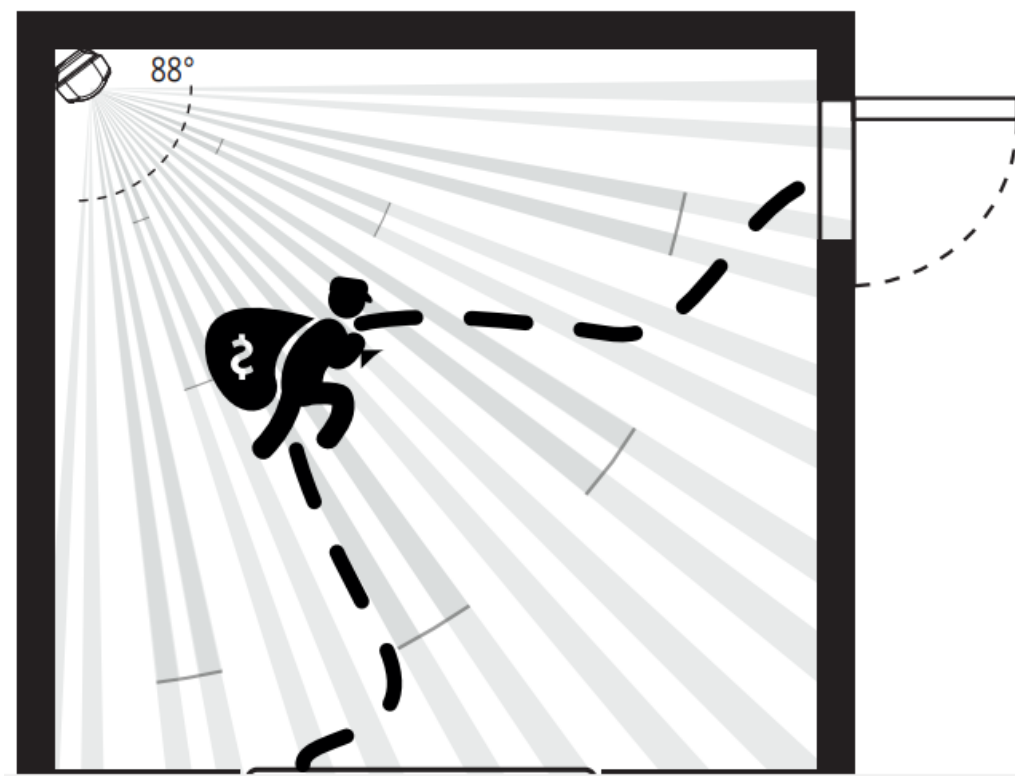
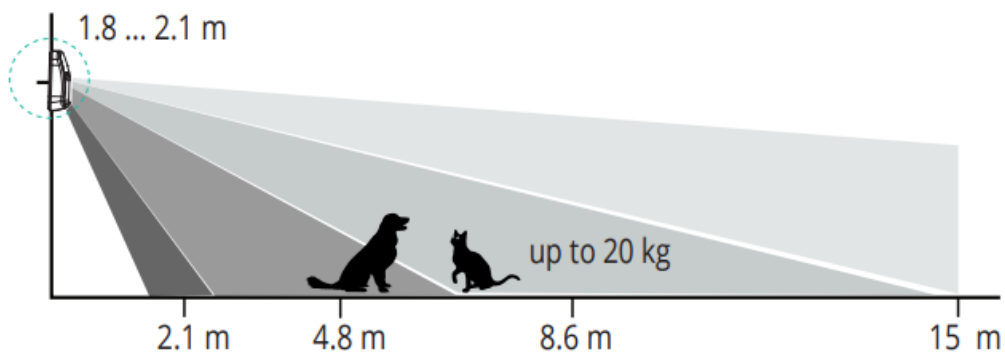


INDICATION IN RANGE

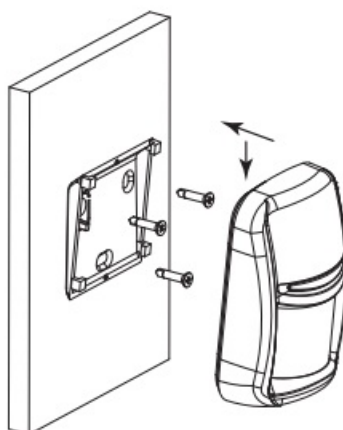


 Up to 20 kg

DEVICE PLACEMENT



INSTALLATION

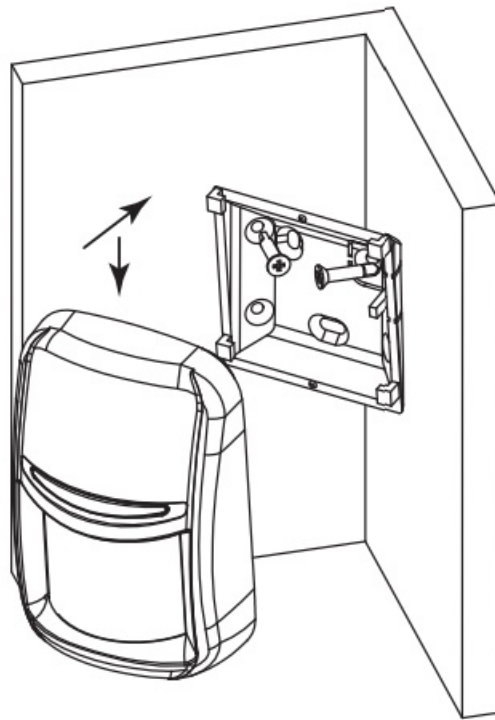


Wall bracket



10-15 s

Angle bracket



FAQS

Q: What is the warranty for U-PROX devices?

A: The warranty (except for batteries) is valid for two years after the purchase date. Contact support@u-prox.systems if you encounter any issues.

Q: Can the U-PROX PIR be used outdoors?

A: No, the device is designed for indoor use only.

Q: How do I replace the battery?

A: Use caution when replacing the battery and ensure to dispose of used batteries according to national regulations.

Documents / Resources



[U-PROX PIR Wireless Immune Motion Detector](#) [pdf] User Manual
PIR Wireless Immune Motion Detector, PIR, Wireless Immune Motion Detector, Immune Motion Detector, Motion Detector

References

- [User Manual](#)

[Manuals+.](#) [Privacy Policy](#)

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