

- Wireless installation
- Battery-operated
- Support for FLiRS mode
- Operation in smart home scenarios



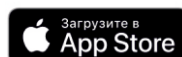
**SZ-PIR rev.C/rev.D** is a volumetric infrared motion sensor that operates under Z-Wave technology. When an intrusion of people or animals into the protected space is detected, the sensor sends a signal to the smart home hub.

SZ-PIR rev.C/rev.D is battery-operated, so it can be installed in the location of choice without the need for wiring. The sensor supports the FLiRS mode, thus saving battery power.

SZ-PIR rev.C/rev.D has an integrated light sensor that enables the smart home to switch lights on and off independently depending on the time of day.

### Device management

SZ-PIR rev.C/rev.D is part of the Eltex smart home ecosystem based on ELIS (Eltex IoT System). The user can control smart devices and sensors via a smart home hub using an iOS or Android mobile device with the Eltex Home mobile application installed. It can be downloaded from the App Store and Google Play or via the QR code below. The app is also available in Huawei AppGallery.

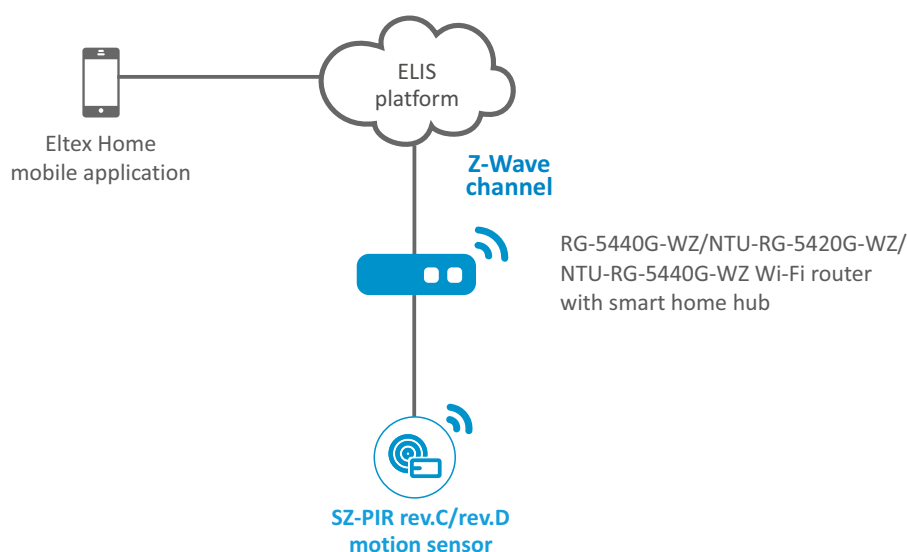


SZ-PIR rev.C/rev.D is a part of the Eltex smart home “Security” service. Sensors included in this service create a security perimeter in the home and notify of emergency situations, e.g. movement in the protected area, opening of doors and windows. They can operate separately or as a group depending on the needs of the user.

### Technical features

General parameters		
	SZ-PIR rev.C	SZ-PIR rev.D
Power	Li-ion CR123A, 3 V	
Signal frequency	869 MHz	
Maximum distance from hub	up to 100 m (in the absence of obstacles)	
Object detection range	up to 10 m	up to 8 m
Horizontal beam angle	90°	
Light sensor range	from 10 to 2000 lx	
Ingress protection	IP20	
Dimensions (W x H x D) with bracket installed	68 × 97 × 76 mm	
Weight (including battery)	0.126 kg	0.129 kg
Operating temperature	from +5 to +45 °C	from -5 to +45 °C
Operating humidity at 40 °C	no more than 93 %	
Maximum RF strength	+14 dBm	+12 dBm

## Use case



## Scenarios

With the Eltex Home mobile application, it is possible to create chains of conditions for smart Wi-Fi devices and Z-Wave sensors to work together. For example, the SZ-PIR rev.C/rev.D motion sensor can be used in the following scenarios:

1. Sending a notification to the user when a motion sensor is triggered.



2. Automatic video recording when the motion sensor is triggered.



3. Sending information to the security desk when the motion sensor is triggered.




4. Switching the light on when the motion sensor is triggered or switching the light on and off depending on the time of day.



### Contact us

### About Eltex

  
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**Eltex Enterprise** is a leading Russian developer and manufacturer of communication equipment with 30 years of history. Complete solutions and their seamless integrability into the Customer's infrastructure are the priority growth areas of the company.