

Infrared detector

SZ-PIR device is a *motion sensor*. When the infrared detector is triggered, a LED begins to flash in a detection zone. When people or animals move within a detection zone, the detector sends messages to the main **“Eltex-SC”** controller.

The module can operate in any **“Eltex-SC”** network with certified devices of any other producers.



Technical features

	SZ-PIR
Signal frequency	869 MHz
Signal range	up to 30 m (in a building)
Detection range under normal sensitivity	at least 8 m
Detection range under reduced sensitivity	at least 6 m
Range of intruder motion speed	from 0.3 to 3.0 m/s
Power battery	lithium battery CR123A, 3V
Current consumption excluding communication module	15 µA max
Enclosure class	IP40
Dimensions	90×58×45 mm max
Weight including power battery	100 g max
Service life	10 years
Operating temperature	-10...+55 °C
Operating humidity at +40 °C	93% max
Maximum RF strength	+6 dBm

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About EltexAlatau

EltexAlatau company is one of the first communication equipment manufacturers in Kazakhstan established in 2012. The main focus of the enterprise is a set of solutions and the opportunity of their seamless connection to the customer's infrastructure.