

- Battery-operated
- FLiRS operation mode
- Support for Z-Wave
- External sensor compatibility
- Operation in smart home scenarios



SZ-MCT rev.C/C1/D/D1 is a magnetic contact door/window sensor that operates under Z-Wave technology. When a controlled door or window is opened or closed, the sensor sends a signal to the smart home hub.

The device is battery-operated, so it can be installed in the location of choice without the need for wiring. The sensor supports FLiRS mode, which saves battery power.

Device management

SZ-MCT rev.C/C1/D/D1 is part of the Eltex smart home ecosystem based on ELIS (Eltex IoT System). The user manages smart devices and sensors via the smart home hub using iOS or Android mobile device with the Eltex Home app 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.

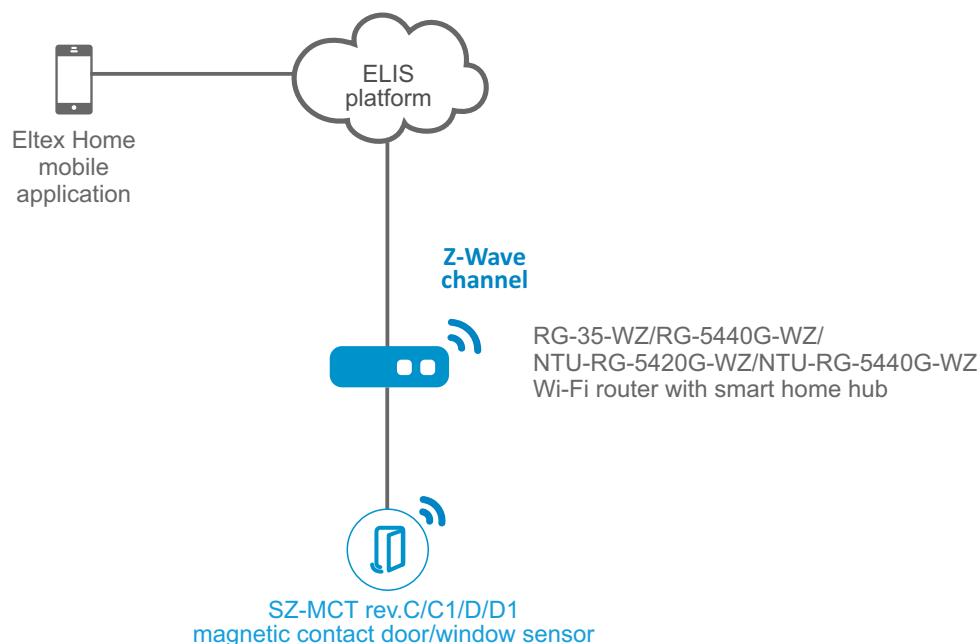


SZ-MCT rev.C/C1/D/D1 is a part of the Eltex smart home “Security” service. Sensors included in this service create a security perimeter in the home and notify of emergency situations, e.g. movement in the protected area, opening of doors and windows. They can operate separately or as a group depending on the needs of the user.

Technical features

	SZ-MCT rev.C/D	SZ-MCT rev.C1/D1
Power	Li-ion CR123A, 3 V	
Signal frequency	869 MHz	
Maximum distance from the hub	up to 100 m (in the absence of obstacles)	
Distance between the sensor and magnet for “Alarm” signal	small magnet: 25 mm and more large magnet: 45 mm and more	45 mm and more
Distance between the sensor and magnet for “Normally closed” signal	small magnet: 15 mm and less small magnet: 35 mm and less	35 mm and less
Maximum length of the external sensor cable	2 m	—
Ingress protection	IP40	
Sensor/large magnet dimensions (W × H × D)	21 × 96 × 21 mm	
External sensor/small magnet dimensions (W × H × D)	10 × 51 × 7 mm	—
Sensor weight (including batteries)	no more than 0.029 kg	no more than 0.03 kg
Magnet weight	small magnet: 0.002 kg large magnet: 0.031 kg	0.031 kg
Operating temperature	from +5 to +45 °C	
Operating humidity at +40 °C	up to 93 %	
Maximum RF strength	14 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-MCT rev.C/C1/D/D1 magnetic contact door/window sensor can be used in the following scenarios:

1. Notifying the user when the door/window sensor is triggered.



2. Automatic video recording when the door/window sensor is triggered.



3. Switching the light on/off when the door/window sensor is triggered.



Contact us

+7 (383) 274 10 01
+7 (383) 274 48 48

eltex@eltex-co.com

www.eltex-co.com

About Eltex

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