

- Battery-operated
- Operation in smart home scenarios
- Easy installation
- Support for Matter over Thread protocol



ST-WLK is a water leak detector that operates under Matter over Thread technology. When a leakage is detected, 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.

Eltex smart home

ST-WLK 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 AppStore and GooglePlay or via the QR code below.

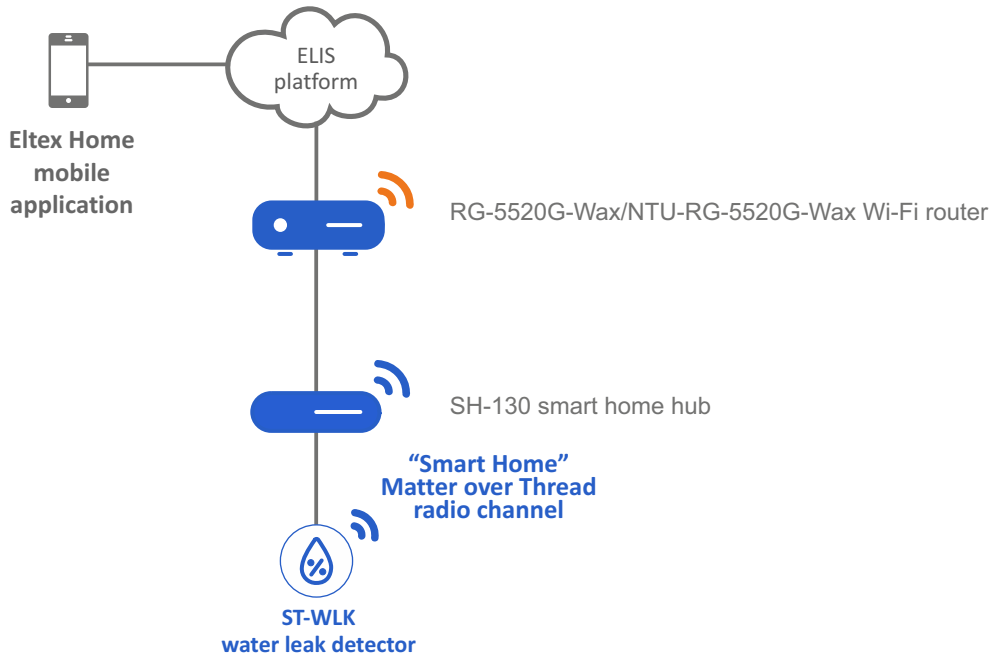


ST-WLK is part of the Eltex smart home “Control” service. The sensors included in this service are used to create a comfortable home environment (monitoring temperature and humidity levels, detecting emergencies such as smoke or water leaks). They can operate separately or as group depending on the needs of the user.

Technical features

General parameters	
Power	2 × AAA batteries, 1.5 V
Signal frequency	2.4 GHz
Guaranteed distance to hub	120 m (in the absence of obstacles)
Ingress protection	IP65
Dimensions (D × H)	74 × 25 mm
Weight (including batteries)	no more than 0.06 kg
Operating humidity at 40 °C	up to 93 %
Operating temperature	from +5 to +45 °C
Maximum RF strength	+14 dBm

Use case



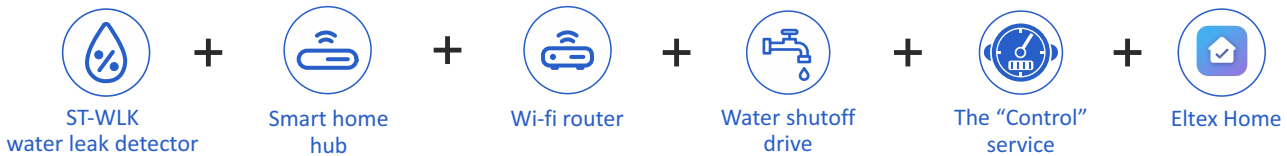
Scenarios

With the Eltex Home mobile application, it is possible to create chains of conditions for sensors operating under Matter over Thread and smart Wi-Fi devices to work together. For example, the ST-WLK water leak detector can be used in the following scenarios:

1. Notifying the user when the water leak detector is triggered



2. The sensor can work together with the water shutoff drive. The drive will automatically shut off the water when a leak is detected by the ST-WLK sensor.



Ordering information

Name	Description
ST-WLK	Matter over Thread water leak detector
Licenses	
Eltex ELIS-1	Eltex ELIS option, 1-device package, 1 year
Eltex ELIS-100	Eltex ELIS option, 100-device package, 1 year
Eltex ELIS-500	Eltex ELIS option, 500-device package, 1 year
Eltex ELIS-1000	Eltex ELIS option, 1000-device package, 1 year
Eltex ELIS-1500	Eltex ELIS option, 1500-device package, 1 year

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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.