

- Control of lighting and other devices
- Operation in smart home scenarios
- Support for Matter over Thread protocol



ST-SBR is a two-gang wireless switch that operates under Matter over Thread technology. The device is battery-powered and can be installed in any location without wires.

Eltex smart home

ST-MCT is part of the Eltex smart home ecosystem based on the ELIS (Eltex Smart IoT System) platform. Users manage smart devices and sensors via a smart home hub using an 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.



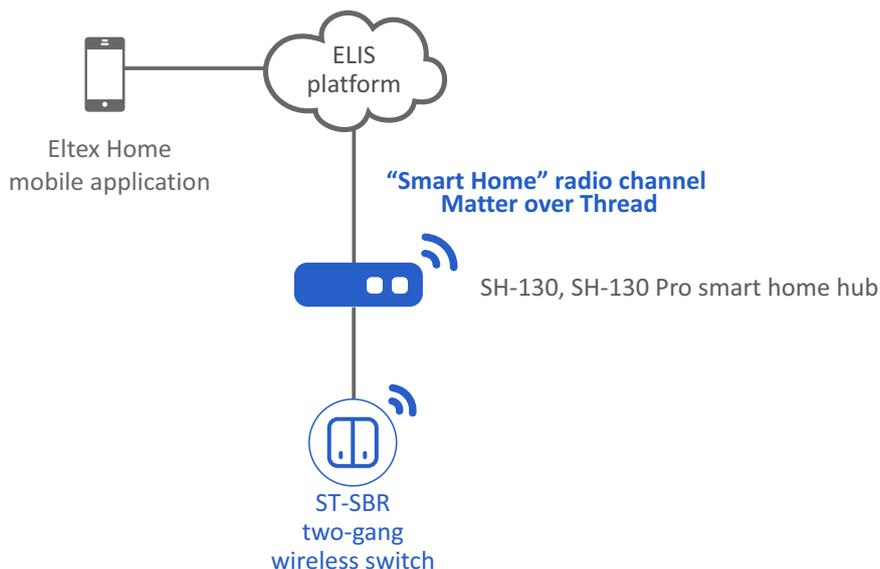
ST-SBR makes it possible to control other smart home devices, such as Wi-Fi relays and sockets, as well as run customized scenarios. An Eltex hub with Matter over Thread technology support is required to connect the sensor to the network, specifically the SH-130 model.

Technical features

General features

General features	
Power	1 × CR2450 battery
Signal frequency	2.4 GHz
Maximum distance from the hub	120 m (within line of sight)
Ingress protection	IP20
Dimensions (W × H × D)	85 × 85 × 5 mm
Weight including batteries	0,08 kg
Operating humidity at +40 °C	up to 93 % without condensation
Operating temperature	from +5 to +45 °C
Maximum RF strength	+14 dBm

Use case



Usage scenarios

With the Eltex Home app, it is possible to create chains of conditions for Matter over Thread sensors and smart Wi-Fi devices to cooperate. For example, the ST-MCT switch can be used in the following scenarios:

1. Controlling the lighting using a Wi-Fi relay



2. The switch can work together with a smart socket to control household appliances.



3. Launching a scenario by pressing the switch button



Ordering information

Name	Description
ST-SBR	Matter over Thread two-gang wireless switch
Related products	
SH-10-WZ	Eltex Home SH-10-WZ smart home hub
SH-20-WBZ	Eltex Home SH-20-WBZ smart home hub
SH-130	Eltex Home SH-130 smart home hub
SH-130 Pro	Eltex Home SH-130 Pro smart home hub
SL-10-WBZ	SL-10-WBZ local smart home control center
HVC-102WE	HVC-102WE Wi-Fi camera
SV-BA101-E	SV-BA101-E IP camera
SV-CA104-W	SV-CA104-W Wi-Fi camera
SV-CA111W	SV-CA111W Wi-Fi camera
SV-CA113-WE	SV-CA113-WE Wi-Fi camera
SV-BA114-E	SV-BA114-E IP camera
SW-PLG01	Wi-Fi smart socket, IEEE 802.11b/g/n 2.4 GHz
SW-PLG02	Wi-Fi smart socket, IEEE 802.11b/g/n 2.4 GHz
SW-PLG12	Matter over Wi-Fi, IEEE 802.11b/g/n 2.4 GHz smart socket
SW-RLY01	Smart Wi-Fi relay without zero line, IEEE 802.11b/g/n 2.4 GHz, 2 managed channels
SW-RLY02	Smart Wi-Fi relay with zero line, IEEE 802.11b/g/n 2.4 GHz, 2 managed channels
SW-RLY11	Matter over Wi-Fi smart relay without zero line, IEEE 802.11b/g/n 2.4 GHz, 2 managed channels
SZ-SBR	Two-gang wireless switch Z-Wave
SZ-AIR-HT01 rev.D	Temperature and humidity sensor Z-Wave
ST-MCT	Matter over Thread door/window sensor
SZ-MCT rev.C	SZ-MCT rev.C door/open sensor in Eltex Z-Wave FLiRS housing
SZ-MCT rev.D	SZ-MCT rev.D door/open sensor in Eltex Z-Wave FLiRS housing
SZ-PIR rev.C	SZ-PIR rev.C motion sensor in Eltex Z-Wave FLiRS housing
SZ-PIR rev.D	SZ-PIR rev.D motion sensor in Eltex Z-Wave FLiRS housing
SZ-SMK	Smoke detector in Eltex Z-Wave housing
SZ-WLK rev.B	SZ-WLK rev.B water leak detector in Eltex Z-Wave housing
SZ-WLK rev.D	SZ-WLK rev.D water leak detector in Eltex Z-Wave housing
SW-IRC01	IR remote control, IEEE 802.11b/g/n 2.4 GHz
Licences	
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.