– **Built-in IR remote**

– **Smart home device integration**

– **Support for Wi-Fi, Z-Wave, Zigbee, Matter over Wi-Fi, Matter over Thread**

– **Wi-Fi IEEE 802.11a/b/g/n/ac**

– **100 Mbps Ethernet port**

SH-130 is an Eltex Home hub that enables control of household appliances via built-in IR remote. The device is designed to provide a unified system for managing, configuring, and monitoring Eltex smart devices. The hub supports Wi-Fi, Z-Wave, Zigbee, Matter over Wi-Fi, Matter over Thread protocols.

Device management

To monitor and control a smart home device network, connect the SH-130 hub to your Wi-Fi router via wired or wireless connection.

Any mobile device running iOS or Android with the Eltex Home app installed can serve as the universal control remote for the SH-130. The app can be downloaded from the App Store and Google Play or via the QR code below. The app is also available in RuStore and Huawei AppGallery.

GET IT ON **Google Play**

Download on the **App Store**

Eltex Home features

Using the SH-130 hub together with the Eltex Home app allows:

1. Receiving event notifications to a mobile device.

2. Working with the following services:

   – "Security" — to keep the premises safe (detection of unauthorized access).

   – "Control" — to ensure a comfortable environment (monitoring temperature and humidity levels, detecting emergencies as smoke or water leaks).

   – "Management" — to control the operation of lighting and household appliances (automatic switching lights on when entering a room, flexible setting of lighting channels, switching appliances on and off, etc.).

3. Creating scenarios for smart devices to work together. For maximum convenience, it is possible to set devices in the home to work in the desired mode, specifying conditions, sequence and time of required actions.

Eltex smart devices

– SW-IRC01 IR remote for household appliance management.

– "Security" service devices: SZ-MCT[1] and ST-MCT magnetic contact door/window sensor, SZ-PIR[1] motion sensor, HVC-102WE, SV-BA101-E, SV-CA104-W, SV-CA111-W, SV-CA113-WE cameras.

– "Management" service devices: SW-RLY01/SW-RLY02/SW-RLY11 smart relay, SW-PLG01/SW-PLG02/SW-PLG12 smart socket, SZ-SBR and ST-SBR smart switches.

– "Control" service devices: SZ-AIR-HT01 temperature and humidity sensor, SZ-SMK smoke detector, SZ-WLK[1] water leak detector.

Technical features

Hardware features
– RAM 1 GB

Interfaces
– 1 × LAN 10/100/BASE-T (RJ-45)
– 2 × USB 2.0
– Wi-Fi
  – IEEE 802.11b/g/n, 2.4 GHz
  – IEEE 802.11a/n/ac, 5 GHz
– Z-Wave 869 MHz
– Zigbee
  – IEEE 802.15.4, 2.4 GHz
– Thread 2.4 GHz
– Bluetooth 5.4 2.4 GHz
– Built-in IR remote

Wireless interface parameters
– Number of antennas: 2
– Type of antennas: built-in
– Support for Wi-Fi IEEE 802.11b/g/n
– Frequency range: 2400–2483.5 MHz
– MIMO: 2.4 GHz 2 × 2
– Modulation: DSSS, CCK, BPSK, QPSK, 16QAM, 64QAM
– Maximum power of the transmitter:
  • CCK11: 20 dBm
  • OFDM54: 19 dBm
  • MCS7: 18 dBm
– Receiver sensitivity:
  • MCS0: up to -98 dBm
  • MCS7: up to -74 dBm

Z-Wave module parameters
– Number of antennas: 1
– Type of antennas: built-in
– Frequency range: 869 MHz
– Maximum power of the transmitter: 14 dBm
– Receiver sensitivity: up to -104 dBm

Main network features
– DHCP Server
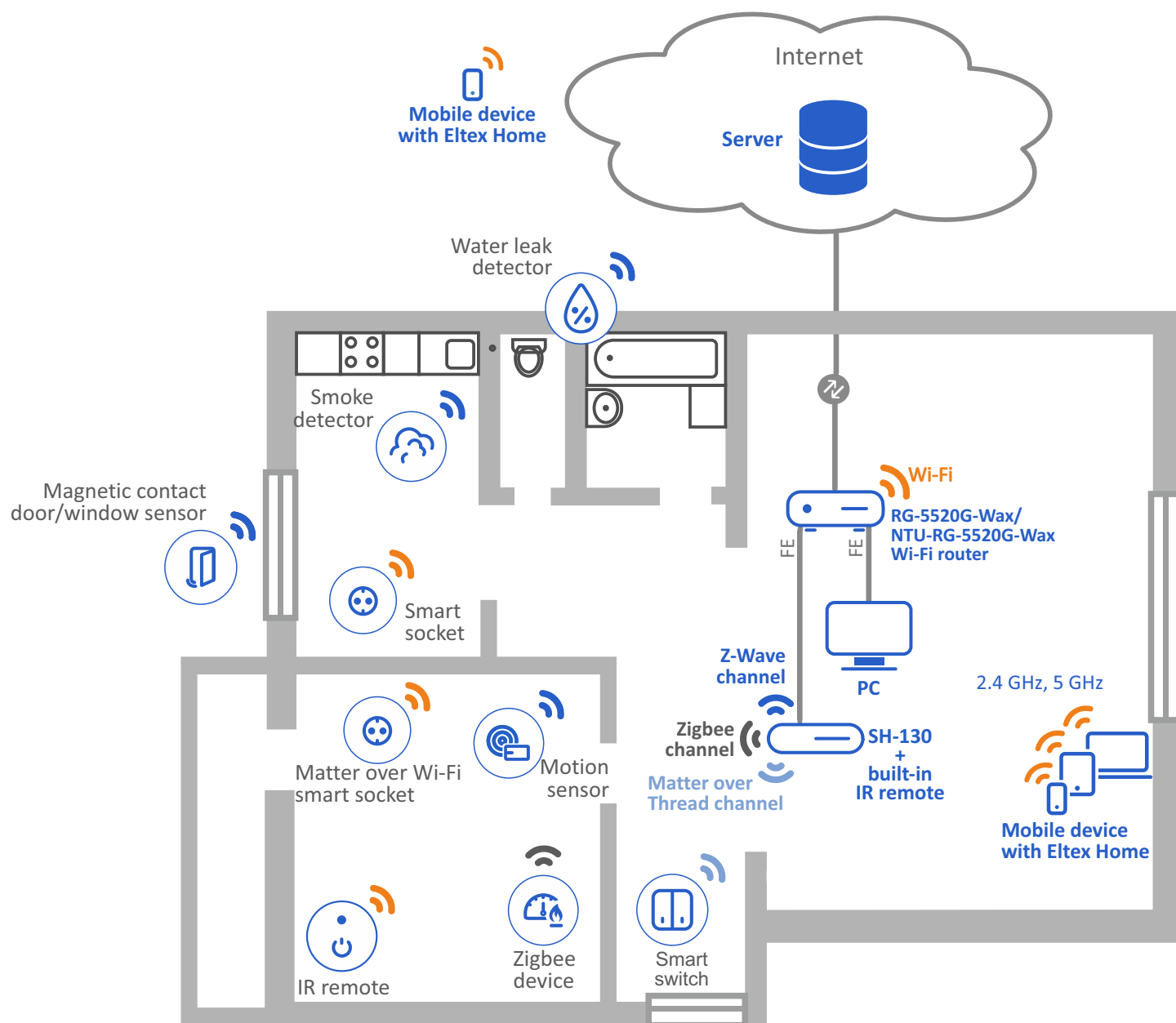– DHCP Client
– Static IP
– NTP
– SSH

Physical parameters
– Peak power: 17 W
– USB port load capacity: 1 × 0.6 A; 1 × 1.2 A
– IR remote operating range: up to 12 m (transmission)
– Operating temperature: from 0 to +40 °C
– Dimensions (W × H × D): 128 × 119 × 28 mm
– Weight: 153.5 g
– Service life: no less than 5 years
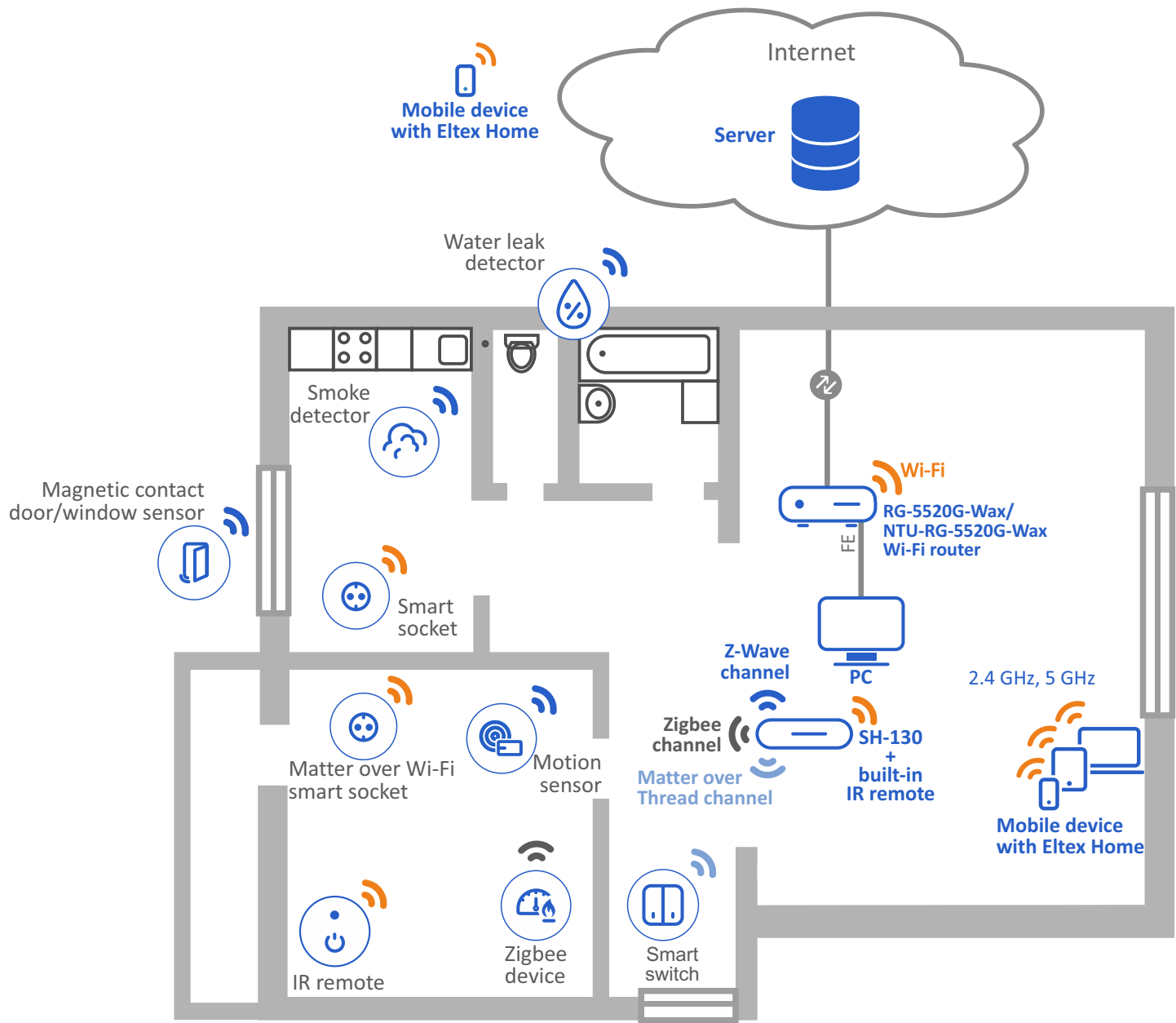
Power supply
– Power adapter: 12 V, 2 A
– Supercapacitor for RTC

---

[1] Sensors of certain series are required, please contact Eltex sales department for details.

Wired connection use case for SH-130

Internet

Server

Mobile device
with Eltex Home

Water leak
detector

Smoke
detector

Magnetic contact
door/window sensor

Wi-Fi

RG-5520G-Wax/
NTU-RG-5520G-Wax
Wi-Fi router

FE   FE

Smart
socket

Z-Wave
channel

PC

2.4 GHz, 5 GHz

Matter over Wi-Fi
smart socket

Motion
sensor

Zigbee
channel

SH-130
+
built-in
IR remote

Matter over
Thread channel

Mobile device
with Eltex Home

IR remote

Zigbee
device

Smart
switch

Wireless connection use case for SH-130

Internet

Server

Mobile device
with Eltex Home

Water leak
detector

Smoke
detector

Magnetic contact
door/window sensor

Smart
socket

Matter over Wi-Fi
smart socket

Motion
sensor

IR remote

Zigbee
device

Smart
switch

Wi-Fi

RG-5520G-Wax/
NTU-RG-5520G-Wax
Wi-Fi router

FE

PC

Z-Wave
channel

Zigbee
channel

Matter over
Thread channel

SH-130
+
built-in
IR remote

2.4 GHz, 5 GHz

Mobile device
with Eltex Home

Ordering information

Name	Description
SH-130	SH-130 smart home hub
Licenses	
Eltex ELIS-1	Eltex ELIS option, package for 1 device, 1 year
Eltex ELIS-100	Eltex ELIS option, package for 100 device, 1 year
Eltex ELIS-500	Eltex ELIS option, package for 500 device, 1 year
Eltex ELIS-1000	Eltex ELIS option, package for 1000 device, 1 year
Eltex ELIS-1500	Eltex ELIS option, package for 1500 device, 1 year

Contact us

About Eltex

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

eltex@eltex-co.ru

eltex-co.com

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.