- **Built-in microSD slot**
- **Built-in microphone**
- **Metal casing**
- **Support for PoE**
- **IR illumination up to 20 m**

SV-BA114-E is a wired IP camera with a dome design.

Device management

SV-BA114-E is part of the Eltex smart home ecosystem based on ELIS (Eltex IoT System) cloud platform. The user controls smart devices and sensors via a smart home hub using an iOS or Android mobile device with Eltex Home mobile application installed. It can be downloaded from the App Store and Google Play or via the QR code below.

Technical features

| Interfaces	
Ethernet	1 × 10/100BASE-T (RJ-45) with support for PoE
Memory card	1 × MicroSD/SDHC/SDXC up to 128 GB
Operating system	
Linux SDK	
Sensor	
Type	Progressive scan CMOS
Physical size	1/3"
Effective pixels	4M
Lens and illumination	
Focal distance	2.8 mm
Aperture	F/2.0
Field of view (horizontal)	100°
Field of view (diagonal)	116°
Angle adjustment (tilt)	from 0° to 105°
Angle adjustment (rotate)	from 0° to 360°
IR illumination	yes
IR range	up to 20 m
Image	
Image	color
Maximum resolution	2560 × 1440

Technical features (continued)

Image	
Maximum frame rate	20 fps (2560 × 1440), 25 fps (1920 × 1080, 1280 × 720)
Bitrate	up to 10 Mbps
Video compression	H.264, H.265
Image enhancement	DNR 2D/3D, DWDR, BLC, AE, AWB, HLC, ANTI-FLIKER, DEFOG
Signal to noise ratio	no less than 50 dB
Luminous sensitivity	color: 0.02 lx, black-and-white: 0 lx with IR
Audio	
Built-in microphone	yes
Audio compression	PCM, AAC, MP2
Voice pickup distance	syllabic legibility up to 5 m
Physical specifications	
Indication	one-color (red)
Power	12 B DC, PoE 802.3af (Mode A)[1]
RAM	128 MB
ROM	32 MB
Casing	metal, plastic
Form factor	dome camera
Mount options	outdoor and indoor
Dimensions (Height × Diameter)	90 × 110 mm
Weight	0.39 kg
Operating temperature	from -40 to +60 °C
Operating humidity	no more than 90 % (non-condensing)
Ingress protection	IP67

Use case

Eltex Home
mobile application

ELIS Platform

Wi-Fi 2.4/5 GHz

RG-35-WZ/RG-5440G-WZ/
NTU-RG-5420G-WZ/NTU-RG-5440G-WZ
Wi-Fi router with smart home hub

SV-BA114-E
IP camera
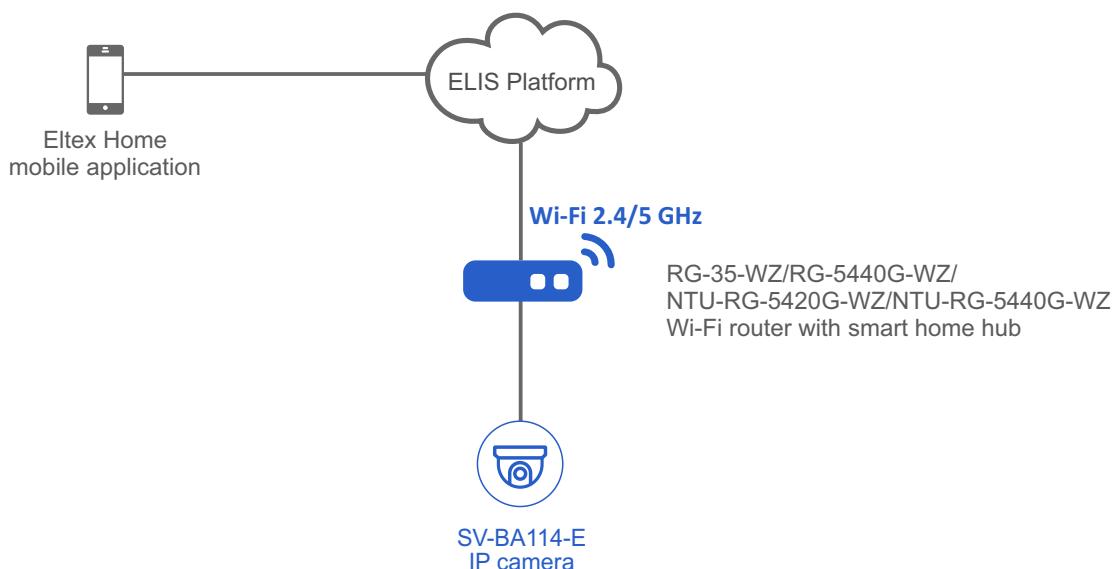
[1] Does not support PoE Mode B (power over pairs 4/5 and 7/8).

Use case in combination with SL-10-WBZ
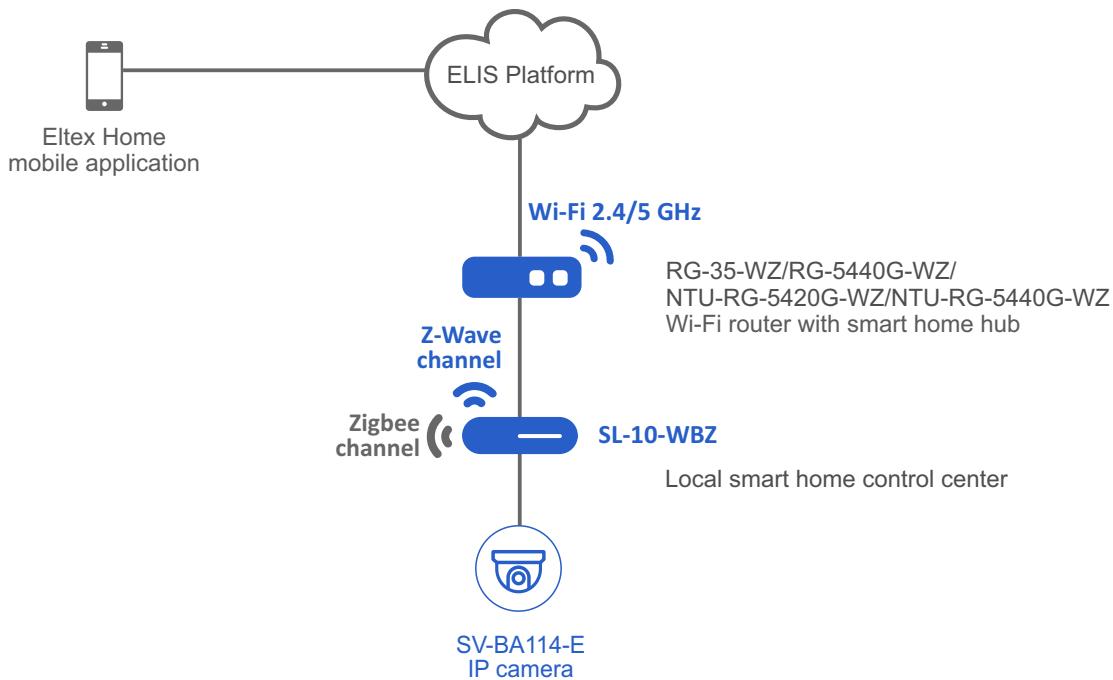
Scenarios

With the Eltex Home mobile app, it is possible to create chains of conditions for IP camera and smart Wi-Fi devices to work together. For example, SV-BA114-E can be used in the following scenarios:

1. Automatic video recording and user notification triggered by the door sensor.

| SZ-MCT rev.C/C1/D/D1 door/window sensor | + | SV-BA114-E IP camera | + | Router with smart home hub | + | The "Security" service | + | Eltex Home |
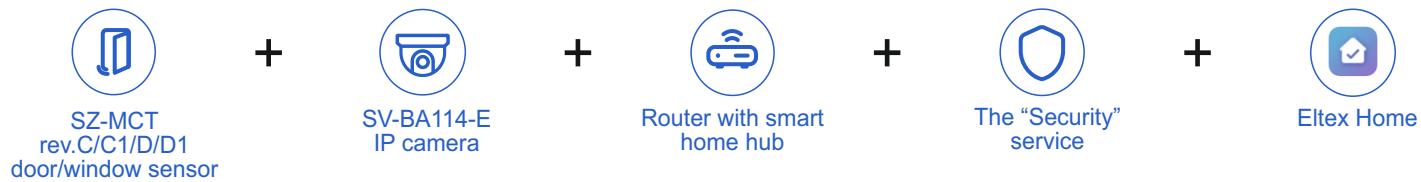
2. Automatic video recording and user notification when the motion sensor is triggered.

| SZ-PIR rev.C/rev.D motion sensor | + | SV-BA114-E IP camera | + | Router with smart home hub | + | The "Security" service | + | Eltex Home |
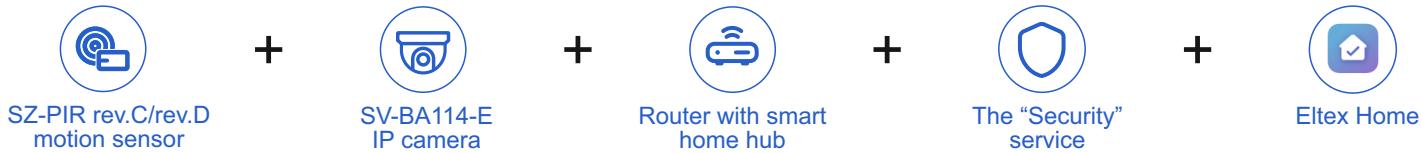
Analytics
– Motion sensor

Features and capabilities
– Night vision
– Storage: memory card, network storage[1]
– Non-volatile time (up to 24 hours)

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[1] Under development.

Ordering information

Name	Description
SV-BA114-E	SV-BA114-E IP camera

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.