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

**SV-BA114-E** is a wired IP camera with a cylindrical 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.
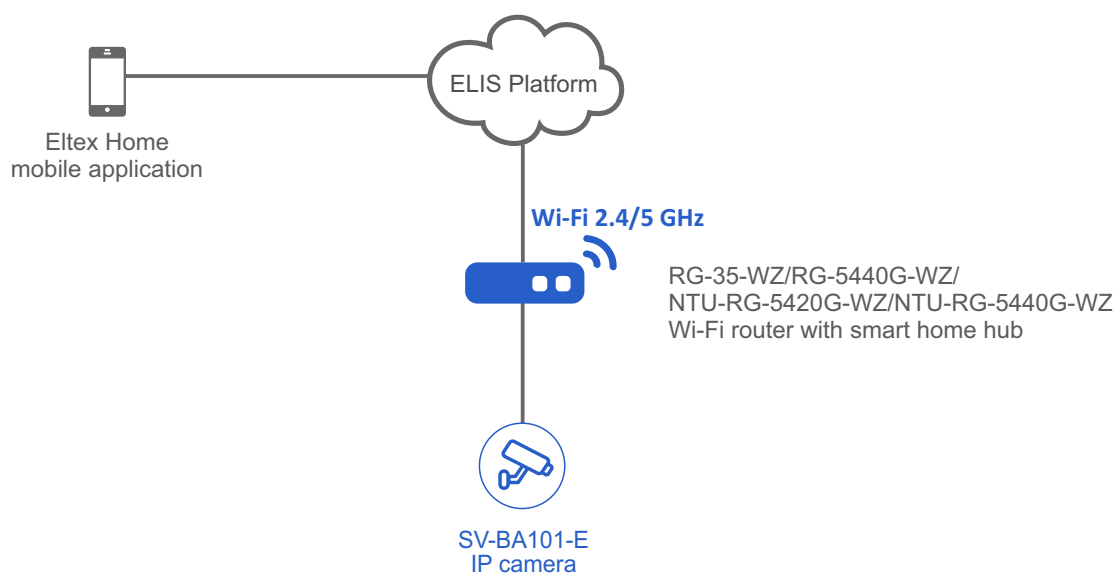
СКАЧАТЬ ИЗ
**Google Play**

Загрузите в
**App Store**
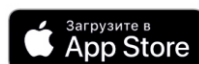
## Technical features

| 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 90° |
| 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) |
| Video compression | H.264, H.265 |
| Image enhancement | DWDR, ANTI-FLICKER |
| Signal to noise ratio | no less than 50 dB |
| Luminous sensitivity | color: 0.05 lx, black-and-white: 0 lx with IR |

| Audio | |
|---|---|
| Built-in microphone | yes |
| Built-in speaker | yes |
| Audio compression | PCM, AAC, MP2 |
| Voice pickup distance | syllabic legibility up to 5 m |

| Physical specifications | |
|---|---|
| Power | 12 B DC, PoE 802.3af (Mode A)[1] |
| RAM | 128 MB |
| ROM | 32 MB |
| Casing | metal |
| Form factor | cylindrical camera |
| Mount options | outdoor and indoor |
| Dimensions (W × H × D) | 70 × 67 × 186 mm |
| Weight | 0.38 kg |
| Operating temperature | from -40 to +60 °C |
| Operating humidity | no more than 90 % (non-condensing) |
| Ingress protection | IP65 |

## 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-BA101-E
IP camera

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[1] Does not support PoE Mode B (power over pairs 4/5 and 7/8).

## Use case in combination with SL-10-WBZ



ELIS Platform

Eltex Home
mobile application

**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

**Z-Wave
channel**

**Zigbee
channel**

**SL-10-WBZ**

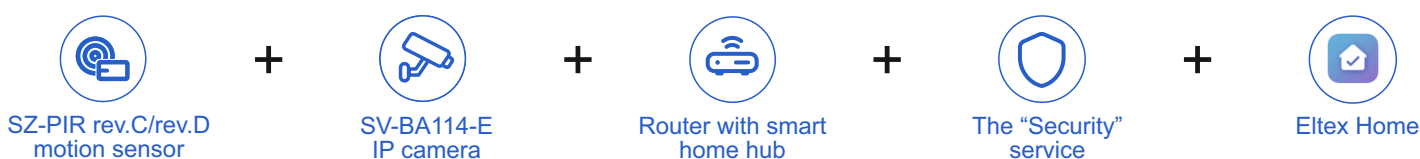Local smart home control center
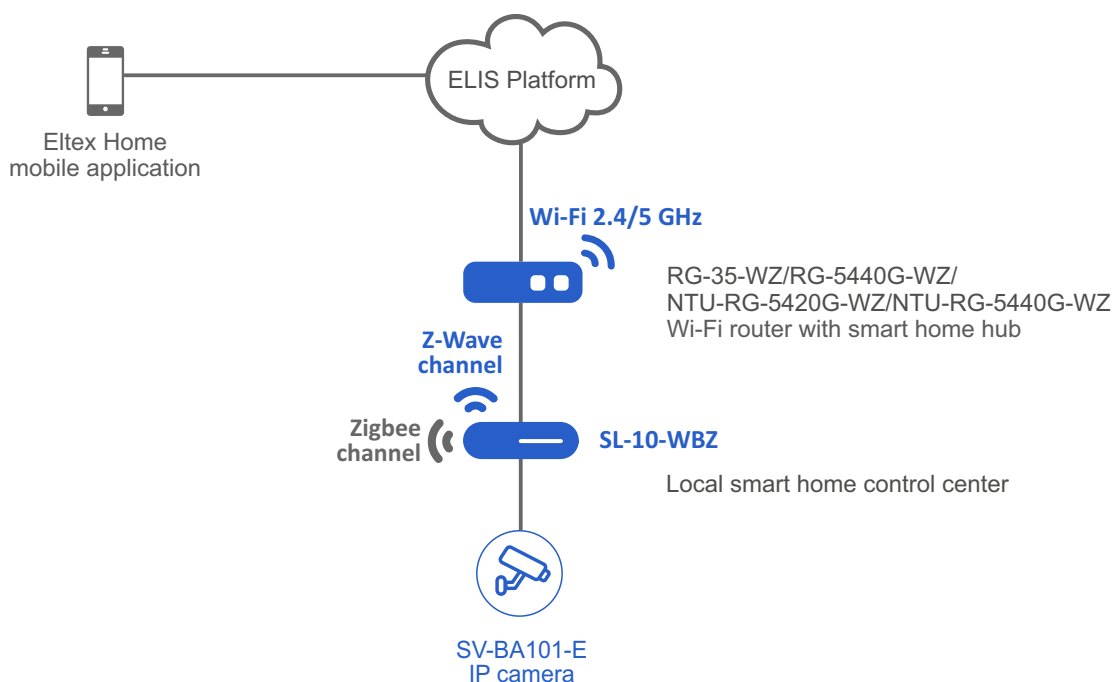
SV-BA101-E
IP camera

## 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-BA101-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]
– Management via web interface
– Non-volatile time (up to 24 hours)

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[1] Under development.

## Ordering information

| Name | Description |
|------|-------------|
| **SV-BA101-E** | SV-BA101-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.