

- Built-in microSD slot
- Built-in microphone
- Vandal-resistant plastic dome
- Support for PoE
- IR illumination up to 40 m
- Web interface for configuration
- Alarm input/output
- Audio input/output for external microphone and speaker



The **SV-BA331-E4C wired IP Camera** in a vandal-resistant dome housing provides a horizontal viewing angle of 112° and is equipped with a 4 MP CMOS matrix for clear video with a resolution of up to 2560 × 1440. The device has a night shooting mode (IR illumination), video analytics system, and the function of saving the video archive to a memory card or network storage¹. The camera is equipped with an RJ-45 connector with support for basic network protocols, as well as alarm I/O and audio I/O for external speaker and microphone connectivity.

Technical features

Interfaces

Ethernet	1 × 10/100BASE-T (RJ-45) with support for PoE
Memory card	1 × MicroSD/SDHC/SDXC up to 512 GB

Network

Protocols	TCP/IP, UDP, ICMP, HTTP, HTTPS, SSL/TLS, QoS, DHCP, DNS, RTP, RTSP, RTMP, NTP, SMB, NFS, TFTP
API	ONVIF (Profile S, Profile T), WSS API
Security	password protection, strong password policy, HTTPS encryption, WS-Username token, WS-Username basic for ONVIF, TLS1.3
User/host	up to 10 users, 2 user access levels: administrator and operator

Operating system

Linux SDK

Sensor

Type	1/2.7" progressive scan CMOS
Effective pixels	4M

Lens and illumination

Focal distance	2.8 mm
Aperture	F/2.0
Field of view (horizontal)	112°
Field of view (diagonal)	134°
Field of view (vertical)	60°
Angle adjustment (tilt)	from 0° to 90°
Angle adjustment (rotate)	from 0° to 360°
IR illumination	yes
IR range	up to 40 m

¹Under development.

Technical features (continued)

Image	
Image	color
Maximum resolution	2560 × 1440
Maximum frame rate	main stream: 5–30 fps (2560 × 1440, 1920 × 1080, 1280 × 720); sub stream: 5–25 fps (1920 × 1080, 1280 × 720, 960 × 540, 640 × 360)
Bit rate	512 Kbps 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: 0.01 lx, bw: 0 lx with IR
Audio	
Built-in microphone	yes
Audio input/output	1 input/1 output
Alarm input/output	1 input/1 output (12 V, 0.3 A)
Audio compression	PCM, G.711A (PCMA), G.711U (PCMU), AAC, MP2, MP3
Voice pickup distance	syllabic legibility: up to 5 m for built-in microphone up to 10 m for external microphone
Physical specifications	
Power	12 V DC, PoE 802.3af
RAM	128 MB
ROM	32 MB
Casing	metal, plastic
Form factor	dome
Mount options	outdoor and indoor
Dimensions (Diameter × Height)	100 × 100 mm
Weight	0.5 kg
Operating temperature	from -40 to +60 °C
Operating humidity	no more than 90 % (non-condensing)
Ingress protection	IP67
Impact rating	IK10

Analytics and protocols

- Motion sensor
- Human face recognition
- Human silhouette recognition
- Line crossing¹
- Perimeter intersection¹
- ONVIF (Profile S ,T)

Features and capabilities

- Night vision
- Storage: memory card, network storage¹
- Management via web interface
- Non-volatile time (up to 24 hours)

¹ Under development.

Ordering information

Name	Description
SV-BA331-E4C	SV-BA331-E4C wired IP camera. Mounting kit.

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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.