

- Built-in microSD slot
- Built-in microphone
- Built-in dynamic
- Metal casing
- Support for PoE
- IR illumination up to 40 m
- Configuration via web interface
- ONVIF



SV-BA301-E wired IP camera with a cylindrical design provides a horizontal viewing angle of 100° 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), motion detection 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.

Technical features

Interfaces

Ethernet 1 × 10/100BASE-T (RJ-45), support for PoE

Memory card 1 × MicroSD/SDHC/SDXC up to 256 GB

Operating system

Linux SDK

Sensor

Type 1/3" progressive scan CMOS

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 40 m

Image

Maximum resolution 2560 × 1440

Maximum frame rate 25 fps

Bit rate up to 10 Mbps

Video compression H.264, H.265

Image quality improvement DNR 2D/3D, DWDR, BLC, ROI, AE, AWB, HLC, ANTI-FLICKER, DEFOG

Signal-to-noise ratio no less than 50 dB

Luminous sensitivity color: 0.01 lx, bw: 0 lx with IR

¹ Under development.

Technical features (continued)

Audio	
Built-in microphone	yes
Built-in dynamic	yes
Audio compression	PCM, AAC, MP2, ADPCM ¹ , G.711U (PCMU) ¹ , G.711A (PCMA) ¹ , G.726 ¹
Voice pickup distance	up to 5 m
Physical specifications	
Power supply	12 V DC, PoE 802.3af (Mode A) ²
RAM	128 MB
ROM	32 MB
Casing	metal
Form factor	cylindrical camera
Mount options	indoor and outdoor
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	IP66

Analytics and protocols¹

- Face recognition
- Motion detection
- Human silhouette recognition
- Line crossing
- Perimeter intersection
- 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)

Ordering information

Name	Description
SV-BA301-E	SV-BA301-E wired IP camera. Mounting kit.

¹ Under development.² Does not support PoE Mode B (power over pairs 4/5 and 7/8).**Contact us****About Eltex**

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