

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



**SV-BA314-E** wired IP camera with a dome 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 storage<sup>1</sup>. 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 105°
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, AE, AWB, HLC, ANTI-FLICKER, DEFOG, ROI <sup>1</sup>
Signal-to-noise ratio	no less than 50 dB
Minimum illumination	color: 0.01 lx, bw: 0 lx with IR

<sup>1</sup> Under development.

**Technical features (continued)**

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

**Analytics and protocols<sup>1</sup>**

- Face recognition
- Motion detection
- Human detection
- Line crossing detection
- Perimeter intrusion detection
- ONVIF (Profile S, T)

**Features and capabilities**

- Night vision
- Storage: memory card, network storage<sup>1</sup>
- Management via web interface
- Non-volatile time (up to 24 hours)

**Ordering information**

Name	Description
SV-BA314-E	SV-BA314-E wired IP camera. Mounting kit.

<sup>1</sup> Under development.**Contact us****About ELTEX**

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