- Built-in microSD slot
- Built-in microphone
- Metal casing
- Support for PoE
- True WDR 120 dB
- IR illumination up to 80 m
- Configuration via web interface
- Emergency input/output
- Ability to connect an external speaker and microphone
- Suitable for operator software integration

The **SV-BB341Z-E4D** wired IP camera with a cylindrical design provides a horizontal viewing angle of 110–45° and is equipped with a 4 MP CMOS image sensor for clear video with a resolution of up to 2688×1520. A varifocal lens allows adapting the field of view to a specific location and adjusting the magnification during observation to examine important objects in detail without losing image quality. The device has a night shooting mode (IR illumination), analytics system and the function of saving the video archive to a memory card or network storage. The camera is equipped with an RJ-45 connector that supports major network protocols, as well as an emergency input/output and the ability to connect an external speaker and microphone.

## Technical features

| | |
|---|---|
| **Interfaces** | |
| Ethernet | 1 × 10/100BASE-T (RJ-45), 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 levels: administrator and operator |
| **Operating system** | |
| Linux SDK | |
| **Sensor** | |
| Type | 1/1.8” progressive scan CMOS |
| Effective pixels | 4M |
| **Lens and illumination** | |
| Focal distance | 2.7–13.5 mm |
| Aperture | F/1.6 |
| Field of view (horizontal) | 110–45° |
| Field of view (diagonal) | 134–52° |
| Field of view (vertical) | 58–25° |
| Angle adjustment (tilt) | from 0° to 90° |
| Angle adjustment (rotate) | from 0° to 360° |
| IR illumination | yes |
| IR range | up to 80 m |

## Technical features (continued)

| Image | |
|---|---|
| Image | color |
| Maximum resolution | 2688×1520 |
| Number of independent streams | 3 |
| Maximum frame rate | main stream: 5–50 fps (without WDR), 5–25 fps (with WDR); 2688×1520, 1920×1080, 1280×720<br>sub stream: 5–25 fps; 1920×1080, 1280×720, 960×540, 640×360<br>additional stream: 5–25 fps; 960×540, 640×360, 480×270, 320×180 |
| Bit rate | up to 10 Mbps |
| Video compression | H.264, H.265 |
| Image quality improvement | DNR 2D/3D, WDR 120 дБ, BLC, AE, AWB, HLC, ANTI-FLICKER, DEFOG |
| Signal-to-noise ratio | no less than 50 dB |
| Luminous sensitivity | color: 0.02 lx, bw: 0 lx with IR |
| **Audio** | |
| Built-in microphone | yes |
| Audio input/output | 1 input/1 output |
| Alarm interface | 1 input/1 output (12 V, 0.3 A) |
| Audio compression | PCM, AAC, G.711U (PCMU) , G.711A (PCMA) |
| Voice pickup distance | syllable intelligibility: up to 5 meters for the built-in microphone<br>up to 10 meters for an external microphone |
| **Physical specifications** | |
| Power supply | 12 V DC, PoE 802.3at Class 4, max. 15 W |
| RAM | 256 MB |
| ROM | 128 MB |
| Casing | metal |
| Form factor | cylindrical camera |
| Mount options | indoor and outdoor |
| Dimensions (W × H × D) | 90 × 85 x 250 mm |
| Weight | 0.78 kg |
| Operating temperature | from -40 to +60 °C |
| Operating humidity | no more than 90 % (non-condensing) |
| Ingress protection | IP67 |
| Lightning protection[1] | TVS 6000 V (protection against impulse and transient overvoltages) |

[1] The protection works only if the device is properly connected to a protective earth (PE). Failure to follow the installation instructions and lack of grounding significantly reduce the effectiveness of the protection and may cause the device to fail during a lightning strike.

## Technical features (continued)

**Analytics and protocols**[1]
– Motion detection
– Line crossing
– Perimeter intersection
– Human face recognition
– Human silhouette recognition
– Sound detection
– Obstruction detection
– ONVIF (Profile S,T)

**Features and capabilities**
– Night vision
– Storage: memory card, network storage[2]
– Management via web interface
– Non-volatile time (up to 24 hours)

## Ordering information

| Name | Description |
|---|---|
| **SV-BB341Z-E4D** | SV-BB341Z-E4D wired IP camera. Mounting kit. |

[1] With the third stream disabled.
[2] Under development.

**Contact us**

+7 (383) 274 10 01
+7 (383) 274 48 48
eltex@eltex.ru
eltex-co.com

**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.