- 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

The **SV-BB341Z-E2B** wired IP camera with a cylindrical design provides a horizontal viewing angle of 108–30° and is equipped with a 2 MP CMOS image sensor for clear video with a resolution of up to 1920×1080. 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	1/2.8” progressive scan CMOS
Effective pixels	2M
Lens and illumination	
Focal distance	2.7–13.5 mm
Aperture	F/1.6
Field of view (horizontal)	108–30°
Field of view (diagonal)	131–35°
Field of view (vertical)	56–17°
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	1920×1080
Number of independent streams	3
Maximum frame rate	main stream: 5–60 fps (without WDR), 5–30 fps (with WDR); 1920×1080, 1280×720 sub stream: 5–25 fps; 1920×1080, 1280×720, 960×540, 640×360 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 dB, BLC, AE, AWB, HLC, ANTI-FLICKER, DEFOG
Signal-to-noise ratio	no less than 50 dB
Luminous sensitivity	color: 0.05 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 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-E2B	SV-BB341Z-E2B wired IP camera. Mounting kit.

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

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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.