

# ABUS IP video surveillance 8MPx mini tube camera

Art. no. TVIP68510

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- 8MPx camera for indoors and outdoors
- 4K resolution (Ultra HD, 3840 x 2160 pixels)
- WDR (120 dB) for more details even with backlight and strong contrasts
- Motion detection via software directly in the camera for low memory requirements and fast finding of the desired recording
- H.265 Plus to compress the video data and record 2x longer
- Integrated IR LEDs for best visibility at night, up to 30 meters
- Easy mobile access with the ABUS Link Station App - no router settings required
- Sends images via e-mail or FTP
- PoE (Power over Ethernet)-capable

Monitoring in wind and weather With a high, detailed 4K Ultra HD resolution of 3840 x 2160 pixels and a wide 102° viewing angle, the TVIP68510 8MPx Tube camera records 15 frames per second. This makes it a versatile surveillance solution, e.g. at home or in the office. The robust and weatherproof housing with IP67 protection class makes the camera very suitable for both indoor and outdoor use. Flexible location: in the entrance area, in the garden, ... Thanks to WDR with 120dB, the camera can be used universally, even under strongly fluctuating and difficult conditions with a lot of backlight, e.g. in the entrance area or in the garden. The integrated microSD card slot is used for recording directly in the camera and for playback via browser or app. Thanks to H.265 Plus for strong compression of video data, the camera records 2x longer than H.264. Motion detection ensures that less memory is required in advance. The camera also has integrated infrared LEDs, for a visibility in darkness/night up to 30 meters (depending on the location). The installation is carried out without cable clutter: By means of power supply via the network cable (PoE) only one cable is necessary. The integrated microSD card slot is used for video recording in the camera. Access to live images & recordings: safe and easy The camera simply connects directly to the ABUS Link Station app on the smartphone or tablet via an encrypted end-to-end connection (E2E) - and without any settings on the router. With the Lite version of the app, up to 60 minutes of data stream (live view/playback) per month via Internet or WLAN are completely free of charge. Or with ABUS Link Station Pro: buy 1x and access data forever without limits.

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## Technical Data:

Color	White
Image settings	Brightness / Contrast / Saturation / Sharpness / Mirroring
Image enhancement	BLC / 3D DNR
Technology	Network
Compatible with Secvest	Yes
Compatible with wAppLoxx	Yes
Compatible with Smartvest	No
Min. humidity	10
Automatic shutter	No
Basic event	Motion detection
Dimensions	(∅ x L) 70 x 155 mm
Alarming	Email
Number of users	32
Resolution modes	3840 x 2160 @ 12.5/15 fps, 3072 x 1728 @ 20fps, 2560 x 1440 / 2304 x 1296 / 1920 x 1080 @ 25/30 fps
Recording modes	Manual / time schedule / motion detection
User levels	3
Image sensor	1/2.5" CMOS
Aperture	F2.0
Focal length	2,8 mm
Gross weight	0,646 kg
Dynamic range (WDR)	120 dB
Housing material	Metal
Horizontal angle of view	102 °
IR LEDs	Yes
IR range (up to)	30 m
IR cut filter	Yes
Loudspeaker	No
Power consumption	6 W
Max. resolution @ frame rate	3480 x 2160 @ 12.5/15 fps

Max. operating temperature	60 °C
Max. humidity	95 %
Microphone	No
Min. operating temperature	-30 °C
Minimum illumination (color)	0,01 lx
Minimum illumination (IR)	0 lx
Net weight	0,46 kg
Network protocols	TCP/IP / ICMP / HTTP / HTTPS / FTP / DHCP / DNS / DDNS / RTP / RTSP / RTCP / PPPoE / NTP / UPnP / SMTP / IPv6
Network access	1x RJ-45 10/100 Mbit/s self-adaptive Ethernet Anschluss
Lens mount	M12
Optical wavelength	850 nm
PoE Standard	802.3af
Private zones	4
Noise reduction	3D DNR
IP protection class	67
Software	ABUS Link Station (iOS & Android) / IP Installer
DC voltage supply	12 V
Storage medium	MicroSD (max. 128GB) / NAS
OSD language	DE / UK / FR / NL / DK / IT / PL / ES / SE
Day/night switching	Auto / Manual / Schedule
Supported browsers	Internet Explorer, Chrome, Firefox, Safari
Video compression	H.264 / H.264 Plus / H.265 / H.265 Plus / MJPEG
White balance	Auto white balance (AWB) / incandescent lamp / warm light / natural light / fluorescent lamp