

IP Tube 8 MPx (2.8 - 12mm)

Art. no. IPCB68521

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- 8 MPx (4K) resolution: 3,840 x 2,160 @ 20 fps for accurate, detailed surveillance of large areas and grounds
- 2.8 - 12 mm motorised zoom lens (4x optical zoom, 46°-108° viewing angle) for high flexibility in surveillance and choice of installation location, incl. easy setup of focal length, focus and viewing direction
- Ultra low-light performance for excellent image results in poorly lit environments
- 120 dB WDR function to compensate for image contrasts, strong backlighting etc.
- Object recognition (human & vehicle): Motion detection with fully automatic differentiation between people/vehicles and disturbances (branches, light, etc.)
- Very robust, vandalism- and weather-proof housing (IK10 & IP67)
- IR LEDs for very clear images in the dark (up to 60 m range)
- Supports H.264, H.265, MJPEG (incl. Dynamic GOP)
- MicroSD card slot for internal data storage
- 12 V DC & PoE (802.3at)

BRILLIANT OUTSIDE: IN ANY LIGHT. AGAINST MANIPULATION. With 8 MPx (4K) resolution, weatherproof IP67 housing, IK10 vandal protection and powerful IR LEDs, the IP Tube is the surveillance camera for 24/7 outdoor surveillance day and night. WDR dynamics and Ultra Low-Light ensure clear images in any light. Best, flexible surveillance in 4K Ultra HD. The motorised zoom lens with 2.8-12 mm focal length covers a range of 46-108° (4.2x optical). Focal length and focus are precisely adjusted via the web interface, and the viewing direction is easily fixed with a single screw. Autom. Object recognition. The security camera reliably distinguishes relevant movements (people, vehicles) from disturbances (branches, light, etc.) and thus minimises unnecessary motion alarms. Recording and compatibility. Recordings are made on an ABUS recorder, on video management software or local microSD card. The camera is compatible with ABUS Secvest, Secoris and WLX Pro Plus. Convenient start-up. The installation box (TVAC32600) is used for mounting on the ceiling or wall with protected cabling. The free ABUS IP Installer software makes setup easier. ABUS Link Station app: Live Image & Push. For mobile access for live viewing, playback and push notifications for events, incl. IPv6. Notes: No power supply unit is included, as power is supplied via PoE. The effective IR range will vary depending on the installation location.

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Technical Data:

Installation	Ceiling, Wall	Width	105 mm
IK protection class	10	Focal length	2,8 – 12,0 mm
Image enhancement	WDR, BLC, HLC, 3D DNR, Vertical Display	Gross weight	2,1 kg
Video Content Analysis (VCA)	Tripwire Detection, Intrusion Detection, Region Entrance, Region Exit	Digital zoom	Yes
ICR day/night function	Yes	Dynamic range (WDR)	120 dB
Technology	IP	Electronic shutter	1/3 - 1/100000 s
Design	Tube	Functions	Scene Change Detection, Region of Interest
Compatible with Secvest	Yes	Backlight compensation	WDR, BLC, HLC
Compatible with wAppLoxx	Yes	Housing material	Metal
Vertical angle of view	26 – 58 °	Height	105 mm
Other features	Object Classification Person/Vehicle	Horizontal angle of view	46 – 108 °
Compatible with wAppLoxx Pro	Yes	IR LEDs	Yes
Compatible with ABUS Link Station	Yes	IR range (up to)	60 m
Dimensions	(LxWxH) 298x105x105 mm	Camera type	Tube
Alarm input (NO/NC)	1	Compatible with	NVR, ABUS Link Station App, ABUS Viewer
Alarming	E-Mail, NAS, FTP, Sound	Length	298 mm
Connections	1 x RJ45, 1 x DC, 1 x Alarm input, 1 x Alarm output, 1 x Audio input, 1 x Audio output	Power consumption	16 W
Number of users	32	Max. resolution @ frame rate	3840 x 2160 @ 20 fps
Number of IR LEDs	4	Max. operating temperature	60 °C
Number of streams	3	Max. humidity	95 %
Resolution	8 MP	Microphone	No
Resolution modes	Stream 1: 3840 x 2160 @ 20 fps, Stream 2: 640 x 480 @ 30 fps, Stream 3: 1280 x 720 @ 30 fps	Min. operating temperature	-25 °C
Motion detection	8 zones	Minimum illumination (color)	0,003 lx
Image sensor	1/1.8" Progressive Scan CMOS	Minimum illumination (IR)	0 lx
Pixels (effective)	3840(H) x 2160(V) pixel	Net weight	1,4 kg
Frame rate	1/16, 1/8, 1/4, 1/2, 1, 2, 4, 6, 8, 10, 12, 15, 16, 18, 20, 22, 25, 30 fps	Video network bandwidth	32 kBit/s - 16 MBit/s
		LAN network access	RJ45 10M/100M self-adaptive
		Network camera protocols	IPv4/v6, HTTP, HTTPS, FTP, SMTP, UPnP, DNS, DynDNS, NTP, RTSP, TCP, UDP, DHCP, ABUS Server, P2P, QoS, 802.1X, IGMP, Bonjour, PPPoE, SNMP
		Lens	Vario

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PoE Standard	IEEE 802.3at
Private zones	4
Noise reduction	3D DNR
IP protection class	67
DC voltage supply	12 (+/-25 %) V
Storage medium	microSD card, 256 GB (opt.)
Language of instructions	DE, UK, FR, NL, DK
OSD language	DE, UK, FR, NL, DK, IT

Power consumption	1.350 mA
Day/night switching	ICR/Color/B/W
Supported browsers	IE11, Mozilla Firefox, Google Chrome, MS Edge
Encryption	HTTPS, TLS 1.1/1.2
Video compression	Stream 1: H.264, H.265, Dynamic GOP (+), Stream 2: H.264, H.265, MJPEG, Stream 3: H.264, H.265
White balance	AWB, Manual