IP Tube 8 MPx (2.8 - 12mm)

Art.-Nr. IPCB68521

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.

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The effective IR range will vary depending on the installation location.

Technologies

- 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)

Technical data - IP Tube 8 MPx (2.8 - 12mm)

Alarm generation	E-Mail, NAS, FTP, Sound
Alarm input (NO/NC)	1
Alarm output	1
Aperture at minimum illumination (color)	F1.4
Application purpose	General surveillance
Article program	Professional
Audio	Connectable: Microphone, Loudspeaker
Backlight compensation	WDR, BLC, HLC
Camera type	Tube
Colour	white
Compatible with ABUS Link Station	Yes
Compatible with Comfion	Yes
Compatible with Secoris	Yes
Compatible with Secvest	Yes
Compatible with wAppLoxx	Yes
Compatible with wAppLoxx Pro	Yes
Connections	1 x RJ45, 1 x DC, 1 x Alarm input, 1 x Alarm output, 1 x Audio input, 1 x Audio output (Cable length 160 mm)
Construction type of device	Tube

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Current consumption	1,350 mA
DC power supply	12 (+/-25 %) V
Day/night switching	ICR/Color/B/W
Depth	298 mm
Digital zoom	Yes
Dimensions	(LxWxH) 298x105x105 mm
Dynamic range (WDR)	120 dB
Electronic shutter	1/3 - 1/100000 s
Encryption	HTTPS, TLS 1.1/1.2
Focal length	2,8 – 12,0 mm
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
Gross weight	2.1 kg
Height	105 mm
Horizontal viewing angle	46 – 108 °
Housing material	Metal
ICR day/night function	Yes
IR LEDs	Yes
IR range (up to)	60 m
Image optimization	WDR, BLC, HLC, 3D DNR
Image sensor	1/1.8" Progressive Scan CMOS
Language Manual	DE, UK, FR, NL, DK
Language OSD	DE, UK, FR, NL, DK, IT
Length	298 mm
Lens	Motor-Zoom
Max. Air humidity	95 %
Max. Operating temperature	60 °C
Max. Resolution @ frame rate	3840 x 2160 @ 25 fps
Microphone	No
Min. operating temperature	-25 °C
Minimum illumination (IR)	0 lx
Minimum illumination (color)	0.003 lx
Motion detection	8 zones
Net weight	1.4 kg
Network bandwidth Video	32 kBit/s - 16 MBit/s
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
Network connection LAN	RJ45 10M/100M self-adaptive
Noise suppression	3D DNR
Number of IR LEDs	4

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Number of streams	3
Number of users	32
ONVIF	Profile G, S, T
Optical zoom	4,2 x
Other functions	Object Classification Person/Vehicle
PSTI conformity given	Yes
PSTI conformity needed	Yes
Pixels (effective)	3840(H) x 2160(V)
PoE Standard	IEEE 802.3at
Power consumption	16 W
Privacy zones	4
Product group	Camera
Protection class IK	10
Protection class IP	67
Radio functions	Scene Change Detection, Region of Interest
Radio networked	No
Resolution	8 MP
Resolution modes	Stream 1: 3840 x 2160 @ 25 fps, Stream 2: 640 x 480 @ 30 fps, Stream 3: 1280 x 720 @ 30 fps
Storage medium	microSD card, 256 GB (opt.)
Supported browsers	IE11, Mozilla Firefox, Google Chrome, MS Edge
Vertical angle of view	26 – 58 °
Video Content Analysis (VCA)	Tripwire Detection, Intrusion Detection, Region Entrance, Region Exit
Video compression	Stream 1: H.264, H.265, Dynamic GOP (+), Stream 2: H.264, H.265, MJPEG, Stream 3: H.264, H.265
Video motion detector included	Yes
WEEE group	09
White balance	AWB, Manual
width	105 mm

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