

IP Tube 4 MPx (2.8–12 mm)

Art. no. IPCB64521

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- 4 MPx resolution (2,688 x 1,520 @ 25 fps) for crisp surveillance images
- 2.8 - 12 mm motorised zoom lens (4x optical zoom, 30°-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)

STRONG OUTSIDE: IN ANY LIGHT. AGAINST MANIPULATION. With 4 MPx 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 4 MPx. The motorised zoom lens with 2.8-12 mm focal length covers a range of 30-108° (4.2x optical). Focal length and focus are conveniently and precisely adjusted via the web interface, and the viewing direction is quickly set by means of 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. IPv6 compatible. 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
IK protection class	10
Image enhancement	WDR, BLC, HLC, 3D DNR, Vertical Display (not in Smart-Event mode)
Video Content Analysis (VCA)	Tripwire Detection, Intrusion Detection, Region Entrance, Region Exit
Compatible with Secoris	Yes
ICR day/night function	Yes
Technology	IP
Design	Tube
Compatible with Secvest	Yes
Compatible with wAppLoxx	Yes
Vertical angle of view	17 – 56 °
Other features	Objektklassifizierung Person/Fahrzeug
Compatible with wAppLoxx Pro	Yes
Compatible with ABUS Link Station	Yes
Dimensions	(LxWxH) 298x105x105 mm
Alarm input (NO/NC)	1
Alarming	E-Mail, NAS, FTP, Sound
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)
Number of users	32
Number of IR LEDs	4
Number of streams	3
Audio	2-way audio
Resolution	4 MP
Resolution modes	Stream 1: 2688 x 1520 @ 25 fps, Stream 2: 640 x 480 @ 25 fps, Stream 3: 1920 x 1080 @ 10 fps
Motion detection	8 zones
Image sensor	1/2.7" Progressive Scan CMOS

Pixels (effective)	2688(H) x 1520(V) pixel
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
Width	105 mm
Focal length	2,8 – 12,0 mm
Gross weight	2,1 kg
Digital zoom	Yes
Dynamic range (WDR)	120 dB
Electronic shutter	1/3 - 1/100000 s
Functions	Scene Change Detection, Region of Interest
Backlight compensation	WDR, BLC, HLC
Housing material	Metal
Height	105 mm
Horizontal angle of view	30 – 108 °
IR LEDs	Yes
IR range (up to)	60 m
Camera type	Tube
Compatible with	NVR, ABUS Link Station App, ABUS Viewer
Length	298 mm
Power consumption	16 W
Max. resolution @ frame rate	2688 x 1520 @ 30 fps
Max. operating temperature	60 °C
Max. humidity	95 %
Microphone	No
Min. operating temperature	-25 °C
Minimum illumination (color)	0,003 lx
Minimum illumination (IR)	0 lx
Net weight	1,4 kg
Video network bandwidth	32 kBit/s - 8 MBit/s
LAN network access	RJ45 10M/100M self-adaptive

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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	Motor-Zoom
Optical zoom	4,2 x
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