

IP Mini Tube 4 MPx (2.8 mm)

Art.-Nr. IPCB34511A

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SMALL CAMERA, BIG PERFORMANCE: FOR YOUR PROFESSIONAL SURVEILLANCE

The IP Mini Tube is a discreet surveillance camera.

Discreet 24/7 surveillance

The IP Mini Tube provides video streams in 4 MPx resolution. With its IP67 housing and integrated IR LEDs, it is suitable for indoor and outdoor use day and night.

2 lens variants for maximum flexibility

Automatic object detection

The security camera reliably distinguishes relevant movements (people, vehicles) from disruptive influences (branches, light, etc.) - and thus minimises unnecessary motion alarms.

Recording and compatibility

Recording takes place on ABUS recorders, video management software or local microSD card. The camera is compatible with ABUS Secvest, Secoris and WLX Pro Plus.

Convenient start-up

An installation box (TVAC32300) is used for mounting with protected cabling. The free ABUS IP Installer software makes network setup easier.

ABUS Link Station app: live access, push notifications

Easy mobile app access for live view, playback and push notification of events. IPv6-compatible.

Notes: No power supply unit is included as power is supplied via PoE.

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The effective IR range depends on the installation location.

Technologies

- 4 MPx resolution (2,688 x 1,520 @ 25 fps) for crisp surveillance images
- Object recognition (human & vehicle): Motion detection with fully automatic differentiation between people/vehicles and disturbances (branches, light, etc.)
- IR LEDs for very clear images in the dark (up to 30 m range)
- Supports H.264, H.265, MJPEG (incl. Dynamic GOP)
- MicroSD card slot for internal data storage
- 12 V DC & PoE (802.3af)

Technical data - IP Mini Tube 4 MPx (2.8 mm)

Alarm generation	E-Mail, NAS, FTP
Aperture at minimum illumination (color)	F1.4
Application purpose	General surveillance
Article program	Professional
Backlight compensation	WDR, BLC, HLC
Camera type	Mini 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 (Cable length 280 mm)
Construction type of device	Mini tube
Current consumption	600 mA
DC power supply	12 (+/-25 %) V
Day/night switching	ICR/Color/B/W
Depth	170 mm
Digital zoom	Yes
Dimensions	(LxWxH) 170x70x69 mm
Dynamic range (WDR)	120 dB
Electronic shutter	1/3 - 1/100000 s
Encryption	HTTPS, TLS 1.1/1.2

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Technical data - IP Mini Tube 4 MPx (2.8 mm)

Focal length	2,8 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	0.7 kg
Height	69 mm
Horizontal viewing angle	103 °
Housing material	Metal
ICR day/night function	Yes
IR LEDs	Yes
IR range (up to)	30 m
Image optimization	WDR, BLC, HLC, 3D DNR, Vertical Display (not in Smart-Event mode)
Image sensor	1/2.7" Progressive Scan CMOS
Language Manual	DE, UK, FR, NL, DK
Language OSD	DE, UK, FR, NL, DK, IT
Length	170 mm
Lens	Fix
Lens mount	M12
Max. Air humidity	95 %
Max. Operating temperature	60 °C
Max. Resolution @ frame rate	2688 x 1520 @ 30 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	0.5 kg
Network bandwidth Video	32 kBit/s - 8 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	3
Number of streams	3
Number of users	32
ONVIF	Profile G, S, T
Other functions	Object Classification Person/Vehicle
PSTI conformity given	Yes
PSTI conformity needed	Yes
Pixels (effective)	2688(H) x 1520(V)
PoE Standard	IEEE 802.3af

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Technical data - IP Mini Tube 4 MPx (2.8 mm)

Power consumption	7 W
Privacy zones	4
Product group	Camera
Product security update min until	2026-05-01
Protection class IP	67
Radio functions	Scene Change Detection, Region of Interest
Radio networked	No
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
Storage medium	microSD card, 256 GB (opt.)
Supported browsers	IE11, Mozilla Firefox, Google Chrome, MS Edge
Vertical angle of view	55 °
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
Video system	IP
WEEE group	09
White balance	AWB, Manual
width	70 mm