

# IP Mini Tube 8 MPx (4K, 2.8 mm)

Art.-Nr. IPCB38511A

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## SMALL CAMERA, BIG PERFORMANCE: FOR BRILLIANT IMAGE DETAILS

The IP Mini Tube is a discreet surveillance camera.

### Discreet 24/7 surveillance

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

### 2 lens variants for maximum flexibility

The camera is available with 2 focal lengths - for optimal planning and installation: 2.8 mm (102° viewing angle, IPCB38511A) for wide-angle situations and 4 mm (78°, IPCB38511B) for greater distances.

### 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 ABUS recorders, video management software or local microSD card. The camera is compatible with ABUS Secvest, Secoris and WLX Pro.

### Convenient start-up

An installation box (TVAC32300) helps mount the camera with protected wiring. The free ABUS IP Installer software makes network setup easier.

### ABUS Link Station app: Live access, push notifications

Easy mobile app 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 depend on the installation location.

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## Technologies

- 8 MPx (4K) resolution: 3,840 x 2,160 @ 25 fps for brilliant surveillance images
- 2.8 mm fixed lens for a good overview (102° angle of view)
- Ultra low-light performance for excellent image results in poorly lit environments
- Object recognition (human & vehicle): Motion detection with fully automatic differentiation between people/vehicles and disturbances (branches, light, etc.)
- 120 dB WDR function to compensate for image contrasts, strong backlighting etc.
- Sturdy, weatherproof housing (IP67)
- 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 8 MPx (4K, 2.8 mm)

Alarming	E-Mail, NAS, FTP
Aperture at minimum illumination (colour)	F1.4
Backlight compensation	WDR, BLC, HLC
Camera type	Mini Tube
Compatible with	ABUS NVR, ABUS Link Station App, Synology Surveillance Station 6.0.1+
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)
DC voltage supply	12 (+/-25 %) V
Day/night switching	ICR/Color/B/W
Design	Mini tube
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
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

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## Technical data - IP Mini Tube 8 MPx (4K, 2.8 mm)

Functions	Scene Change Detection, Region of Interest
Gross weight	0,7 kg
Height	69 mm
Horizontal viewing angle	102 °
Housing material	Metal
ICR day/night function	Yes
IP protection class	67
IR LEDs	Yes
IR range (up to)	30 m
Image enhancement	WDR, BLC, HLC, 3D DNR, Vertical Display (not in Smart-Event mode)
Image sensor	1/1.8" Progressive Scan CMOS
Installation type	Ceiling, Wall
LAN network access	RJ45 10M/100M self-adaptive
Language of instructions	DE, UK, FR, NL, DK
Length	170 mm
Lens	Fix
Lens mount	M12
Max. humidity	95 %
Max. operating temperature	60 °C
Max. resolution @ frame rate	3840 x 2160 @ 30 fps
Microphone	No
Min. operating temperature	-25 °C
Minimum illumination (IR)	0 lx
Minimum illumination (colour)	0,003 lx
Motion detection	8 zones
Net weight	0,5 kg
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
Noise reduction	3D DNR
Number of IR LEDs	3
Number of streams	3
Number of users	32
ONVIF	Profile G, S, T
OSD language	DE, UK, FR, NL, DK, IT
Other functions	Object Classification Person/Vehicle
PSTI conformity given	Yes
PSTI conformity required	Yes
Pixels (effective)	3840(H) x 2160(V) pixel

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## Technical data - IP Mini Tube 8 MPx (4K, 2.8 mm)

PoE standard	IEEE 802.3af
Power consumption	600 mA
Private zones	4
Resolution	8 MP
Resolution modes	Stream 1: 3840 x 2160 @ 30 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
Technology	IP
Vertical viewing angle	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 network bandwidth	32 kBit/s - 16 MBit/s
White balance	AWB, Manual
Width	70 mm