

# IP Mini Tube 4 MPx Black (2.8 mm)

Art.-Nr. IPCB34611A

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## SMALL CAMERA, BIG PERFORMANCE: FOR PROFESSIONAL SURVEILLANCE

The IP Mini Tube is a compact, discreet surveillance camera. It is available with fixed lenses in the variants A (2.8 mm) and B (4 mm).

### Discreet 24/7 outdoor surveillance

The IP Mini Tube delivers video streams in 4 MPx resolution with max. 25 frames/sec. Its housing, which is weatherproof in accordance with protection class IP67, and integrated IR LEDs make it suitable for outdoor use, both day & night. Mobile access to the camera via ABUS Link Station app.

### 2 lens variants for max. flexibility

The IP Mini Tube is available in 2 versions - for high flexibility when planning and installing video surveillance. The IPCB34511A camera (2.8 mm fixed lens, horizontal viewing angle 103°) is suitable for wide-angle surveillance situations. The IPCB34511B variant (4 mm fixed lens, viewing angle 83°) is used for surveillance from greater distances.

### Automatic object detection

The security camera reliably distinguishes relevant movements (people, vehicles) from disturbing influences (branches, light, etc.) and minimises the number of unnecessary motion alarms.

### Recording and compatibility

Recording takes place on an ABUS recorder, via video management software or locally on microSD card. The camera is compatible with the ABUS Secvest and Secoris alarm system as well as ABUS wAppLoxx Pro Plus.

### Convenient start-up

The IP Mini Tube is mounted on a ceiling or wall. An installation box (TVAC32300) protects the cabling. The free "ABUS IP Installer" software finds the camera easily and quickly in the network - for time-saving setup.

The effective IR range will depend on the installation location.

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## Technologies

- 4 MPx resolution (2,688 x 1,520 @ 25 fps) for crisp surveillance images
- 2.8 mm fixed lens for a good overview (103° 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.
- Robust, weatherproof housing (IP67); colour: black
- 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 Black (2.8 mm)

Alarming	E-Mail, App Push, FTP, CMS
Aperture at minimum illumination (colour)	F1.4
Backlight compensation	WDR, BLC, HLC
Camera type	Mini Tube
Colour	Black
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 4 MPx Black (2.8 mm)

Functions	Scene Change Detection, Region of Interest
Gross weight	0,7 kg
Height	69 mm
Horizontal viewing angle	103 °
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	1/2.7" 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	2688 x 1520 @ 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
OSD language	DE, UK, FR, NL, DK, IT
Other functions	Object Classification Person/Vehicle
PSTI conformity given	Yes
PSTI conformity required	Yes
Pixels (effective)	2688(H) x 1520(V) pixel
PoE standard	IEEE 802.3af

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

Power consumption	600 mA
Private zones	4
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 (only in surveillance mode)
Storage medium	microSD card, 256 GB (opt.)
Supported browsers	MS Edge, IE11, Mozilla Firefox, Google Chrome
Technology	IP
Vertical viewing angle	55 °
Video Content Analysis (VCA)	Objet Classification Personne/Véhicule
Video compression	Stream 1: H.264, H.265, Dynamic GOP (+), Stream 2: H.264, H.265, MJPEG, Stream 3: H.264, H.265 (only in surveillance mode)
Video network bandwidth	32 kBit/s - 8 MBit/s
White balance	AWB, Manual
Width	70 mm