



Due to its compact dimensions, the IP Mini Tube is a discreet surveillance camera for outdoor and indoor use. The tube is available in several versions with different fixed lenses from 2.8 mm (IPCB68510A) to 4 mm (IPCB68510B) and even 6 mm (IPCB68510C).

#### Discreet 4K 24/7 outdoor surveillance

The IP Mini Tube provides video streams in 8 MPx resolution with up to 20 fps. The weatherproof IP67 housing allows outdoor use. Due to integrated IR LEDs, the camera can be also used day and night. Access to the camera is possible at any time via app.

#### 3 lens variants for maximum flexibility

The IP Mini Tube is available in 3 versions with different fix lenses. Therefore, the camera offers maximum flexibility in the planning and installation of video surveillance projects. The IP Mini Tube IPCB68510A with a 2.8 mm fixed lens and a horizontal viewing angle of 102° is ideal for wide-angle surveillance scenes. The IP Mini Tube IPCB68510C with a 6 mm fixed lens and a horizontal viewing angle of 50° is a popular variant for installation in corridors.

#### Recording and compatibility

The recording can be done either on an ABUS recorder, 3rd party video management software or locally on a microSD card. Furthermore, the camera is compatible with the ABUS Secvest alarm center and the ABUS access control system wAppLoxx.

#### Comfortable installation

The IP Mini Tube is mounted on the ceiling or optionally on the wall. We recommend the ABUS installation box (TVAC31480), which allows a protected cabling to wall or ceilings. The free “ABUS IP Installer” software is available for

simple setup in the network. The software finds the camera quickly and easily within the network and supports during the installation process.

Note: The camera does not come with a power supply, as it can be powered via PoE.

The effective IR range will depend on the installation location. If there are surfaces that absorb light or no objects that reflect IR light in the field of view, the IR range will be reduced and/or the video image will be too dark. Reflective objects in the immediate vicinity of the camera (e.g. roof gutter or wall) may also result in the reflection of IR light, which can disturb the image.

### Technologies

- 8 MPx (4K) Resolution: 3.840 x 2.160 @ 20 fps
- 2.8 mm fixed lens
- 120 dB WDR function to compensate for image contrasts
- Weather protected housing (IP67)
- IR LEDs (range up to 10m)
- Supports H.264, H.265, MJPEG (incl. dynamic GOP)
- microSD card slot for internal data storage
- 12 V DC & PoE (802.3af)

### Technical data - 4043158150773

Alarming	E-Mail, NAS, FTP
Aperture at minimum illumination (colour)	F2.0
Backlight compensation	WDR, BLC, HLC
Camera type	Mini-Tube
Colour	RAL9003
Compatible with	NVR, IPCam Plus
Compatible with ABUS Link Station	Yes
Compatible with Secvest	Yes
Compatible with wAppLoxx	Yes
Compatible with wAppLoxx Pro	Yes
Connections	1 x RJ45, 1 x DC
DC voltage supply	12 (+/-10 %) V

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Security Tech Germany

Art.-Nr. IPCB68510A

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Day/night switching	ICR/Color/B/W
Design	Tube
Dimensions	(LxWxH) 155x74x74 mm
Dynamic range (WDR)	120 dB
Electronic shutter	1/3 - 1/1000000 s
Encryption	HTTPS
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
Functions	Scene Change Detection
Height	74 mm
Horizontal viewing angle	102 °
ICR day/night function	Yes
IP protection class	67
IR LEDs	Yes
IR range (up to)	10 m
Image enhancement	WDR, BLC, HLC, 3D DNR, Vertical Display
Image sensor	1/2.5" Progressive Scan CMOS
LAN network access	RJ45 10M/100M self-adaptive
Language of instructions	DE, UK, FR, NL, DK
Length	155 mm
Lens	Fix
Lens mount	M12
Max. humidity	95 %
Max. operating temperature	60 °C
Max. resolution @ frame rate	3840 x 2160 @ 20 fps
Microphone	No
Min. operating temperature	-30 °C
Minimum illumination (IR)	0 lx
Minimum illumination (colour)	0,01 lx
Motion detection	8 zones
Net weight	0,5 kg
Network access	RJ45
Network camera protocols	IPv4/v6, HTTP, HTTPS, FTP, SMTP, UPnP, DNS, DynDNS, NTP, RTSP, TCP, UDP, DHCP, ONVIF Profile S, ONVIF Profile G, ABUS Server, Secvest Link
Noise reduction	3D DNR
Number of IR LEDs	10
Number of streams	3
Number of users	32

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ONVIF	Profile G, S, T
OSD language	DE, UK, FR, NL, DK
Other functions	Auto Backup Recording, Secvest Connectivity
Pixels (effective)	3840(H) x 2160(V) pixel
PoE standard	IEEE 802.3af
Power consumption	625 mA
Private zones	4
Resolution	8 MP
Resolution modes	Stream 1: 3.840 x 2.160 @ 20 fps, Stream 2: 640 x 480 @ 25 fps, Stream 3: 1.280 x 720 @ 25 fps
Simultaneous network access	6
Storage medium	microSD card, 256 GB (opt.)
Supported browsers	IE10, IE11, Mozilla Firefox 30.0+, Chrome 31.0+
Technology	IP
Video Content Analysis (VCA)	Tripwire Detection, Intrusion Detection
Video compression	Stream 1: H.264, H.265, Dynamic GOP, Stream 2: H.264, H.265, MJPEG, Stream 3: H.264, H.265, MJPEG
Video network bandwidth	32 kBit/s - 16 MBit/s
Video system	IP
White balance	AWB, Manual
Width	74 mm