

### Art.-Nr. IPCB64510C

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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 (IPCB64510A) to 4 mm (IPCB64510B) and even 6 mm (IPCB64510C).

Discreet 4 MPx 24/7 outdoor surveillance

The IP Mini Tube provides video streams in 4 MPx resolution with up to 30 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 IPCB64510A with a 2.8 mm fixed lens and a horizontal viewing angle of 109 ° is ideal for wide-angle surveillance scenes. The IP Mini Tube IPCB64510C with a 6 mm fixed lens and a horizontal viewing angle of 53 ° 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



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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

- 4 MPx Resolution: 2.688 x 1.520 @ 30 fps
- 6 mm fixed lens
- Ultra low-light performance for excellent results in low-light environments
- 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)

Alarming	E-Mail, NAS, FTP
Aperture at minimum	F1.6
illumination (colour)	
Backlight compensation	WDR, BLC, HLC
Camera type	Mini-Tube
Colour	RAL9003
Compatible with	NVR, Hybrid DVR, IPCam Plus
Compatible with ABUS Link	Yes
Station	
Compatible with Secvest	Yes
Compatible with wAppLoxx	Yes
Compatible with wAppLoxx	Yes
Pro	
Connections	1 x RJ45, 1 x DC
DC voltage supply	12 (+/-10 %) V

## Technical data - IP Mini Tube 4 MPx (6 mm)



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Design   Tube     Dimensions   (LXWKH) 155x74x74 mm     Dynamic range (WDR)   120 dB     Electronic shutter   113 - 1/100000 s     Encryption   HTTPS     Focal length   6 mm     Frame rate   11/6, 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   53 °     ICR day/night function   Yes     IP protection class   67     IR tEDS   Yes     IR range (up to)   10 m     Image enhancement   WDR, BLC, HLC, 3D DNR, Vertical Display     Image sensor   1/12.5" Progressive Scan (MOS     LAN network access   R145 10M/100M self-adaptive     Language of instructions   DE, UK, FR, NL, DK     Length   155 mm     Lens   Fix     Lens mount   M12     Max. operating temperature   60 °C     Max. resolution @ frame rate   2688 x 1520 @ 30 fps     Minimum illumination   0,008 lx     (colour)	Technical data - IP Mini Tube	
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Number of IR LEDs10Number of streams3	Noise reduction	
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)	2688(H) x 1520(V) pixel
PoE standard	IEEE 802.3af
Power consumption	550 mA
Private zones	4
Resolution	4 MP
Resolution modes	Stream 1: 2.688 x 1.520 @ 25 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
Vertical viewing angle	30 °
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

## Technical data - IP Mini Tube 4 MPx (6 mm)