IP Tube 4 MPx (4 mm, WL)

Art.-Nr. IPCS64511B

DARK NIGHT: CLEAR DETAILS AT A DISTANCE
This IP-Tube is a LAN camera with 4 MPx resolution and full colour day/night function. With its white light LEDs in IP67 housing, it is designed for indoor/outdoor use by day and night. Mobile access to the camera via ABUS Link Station app.

Top surveillance: strong in the dark
Clear colour images in total darkness thanks to full-colour day/night technology - rich in detail for solid evidence. The slightest residual light is effectively amplified by the special lens and the extra light-sensitive image sensor. The white light LEDs provide a touch of extra light for the image sensor even at long distances, barely visible to the eye.

2 variants for max. flexibility
The camera is available with 2 focal lengths: 2.8 mm / 108° field of view (IPCS64511A) and 4 mm / 95° (IPCS64511B).

Autom. Object recognition
The security camera distinguishes relevant movements (people, vehicles) from interferences (branches, light, etc.) - and minimises unnecessary motion alarms.

Recording and compatibility
Recording is done on ABUS NVR, VMS/software or microSD card. The camera is compatible with ABUS Secvest, Secoris and WLX Pro.

Quick start-up
Mounting with protected cable via installation box (TVAC32600). The ABUS IP Installer software simplifies the setup in the network.

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Notes: Without power supply unit, because PoE.
The effective LED range varies depending on the location.

Technologies

- 4 MPx resolution (2,688 x 1,520 @ 25 fps) for crisp surveillance images
- 4 mm fixed-focus lens for further distances (95° angle of view)
- Detailed, highly usable colour images in the dark thanks to full-colour day/night technology; effectively amplifies even minimal ambient light using a special lens and very light-sensitive image sensor
- Discreet illumination of the field of view with white-light LEDs (up to 50 m range) for accurate colour images in total darkness (e.g. indoors); touch of illumination for the light-sensitive image sensor (barely visible to the human eye)
- Object recognition (human & vehicle): Video content analysis with fully automatic differentiation between people/vehicles and interferences (branches, light, etc.)
- Optional output of 3 video streams in ideal resolution for, e.g., live image, recording, mobile access, etc.
- Sturdy, weatherproof housing (IP67)
- Supports H.264, H.265, MJPEG (incl. Dynamic GOP)
- microSD card slot for internal data storage, encrypted for high data security (optional)
- 12 V DC & PoE (802.3af)

Technical data - IP Tube 4 MPx (4 mm, WL)

Additional functions	White light range up to 50 m
Alarm generation	E-Mail, NAS, FTP
Aperture at minimum illumination (color)	F1.0
Application purpose	General surveillance
Article program	Professional
Backlight compensation	WDR, BLC, HLC
Camera type	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
Construction type of device	Tube

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Current consumption	600 mA
DC power supply	12 (+/-25 %) V
Depth	282 mm
Digital zoom	Yes
Dimensions	(LxWxH) 282x105x105 mm
Dynamic range (WDR)	120 dB
Electronic shutter	1/3 - 1/100000 s
Encryption	HTTPS, TLS 1.1/1.2
Focal length	4 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	1.2 kg
Height	105 mm
Horizontal viewing angle	95 °
Housing material	Metal
IR LEDs	No
Image integration	Yes
Image optimization	WDR, BLC, HLC, 3D DNR, Vertical Display (not in Smart-Event mode)
Image sensor	1/1.8" Progressive Scan CMOS
Language Manual	DE, UK, FR, NL, DK
Language OSD	DE, UK, FR, NL, DK, IT
Length	282 mm
Lens	Fix
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 (color)	0.0005 lx
Motion detection	8 zones
Net weight	1.05 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 streams	3
Number of users	32
Other functions	Object Classification Person/Vehicle
PSTI conformity given	Yes

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PSTI conformity needed	Yes
Pixels (effective)	2688(H) x 1520(V)
PoE Standard	IEEE 802.3af
Power consumption	7 W
Privacy zones	4
Product group	Camera
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	49 °
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
WEEE group	09
White balance	AWB, Manual
White light LEDs	2 St.
White light range (up to)	50 m
width	105 mm

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