IP Tube 4 MPx Black (2.8 mm, WL)

Art.-Nr. IPCS64611A



DARK NIGHT: CLEAR DETAILS AT A DISTANCE
As a full-colour day/night surveillance camera, the IP tube camera delivers video streams in 4 MPx resolution at max. 25 frames/sec. Thanks to the weatherproof IP67 housing and WL-LEDs, the camera performs outdoors during the day and especially at night. Mobile access to the camera at any time via ABUS Link Station app.

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 discreet extra light for the sensor.

Automatic object detection
The security camera precisely distinguishes relevant movements (people, vehicles) from disturbing influences (branches, light, etc.) and minimises the number of unnecessary movement alarms.

Recording and compatibility
Recording takes place on ABUS NVR, video management software or local microSD card. The LAN camera is compatible with ABUS Secvest, Secoris and wAppLoxx Pro.

Convenient start-up
The IP tube camera is mounted on a ceiling or wall. Protected wiring is achieved by means of an installation box (TVAC32600). The free “ABUS IP Installer” software finds the camera directly in the network - for time-saving start-up.

Note: Without power supply unit, plug-in power supply unit or PoE switch available as accessories.

The effective LED range varies depending on the 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 (108° viewing angle)
- 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 highly 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); finely metered lighting 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 disturbances (branches, light, etc.)
- Intelligent video analysis with automatic detection of scenes (smart events) for precise motion alarms, recording and process optimisation; output of 3 video streams in ideal resolution for e.g. live image, recording, mobile access, etc.
- Robust, weatherproof housing (IP67); colour: black
- 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 Black (2.8 mm, WL)

Alarming	E-Mail, App Push, FTP, CMS
Aperture at minimum illumination (colour)	F1.0
Backlight compensation	WDR, BLC, HLC
Camera type	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
DC voltage supply	12 (+/-25 %) V
Design	Tube
Digital zoom	Yes
Dimensions	(LxWxH) 282x105x105 mm
Dynamic range (WDR)	120 dB

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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
Functions	Scene Change Detection, Region of Interest
Gross weight	1,2 kg
Height	105 mm
Housing material	Metal
IP protection class	67
Image enhancement	WDR, BLC, HLC, 3D DNR, Vertical Display (not in Smart-Event mode)
Image integration	Yes
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, IT
Length	282 mm
Lens	Fix
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 (colour)	0,0005 lx
Motion detection	8 zones
Net weight	1 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 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
Power consumption	600 mA
Private zones	4

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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
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 (only in surveillance mode)
Video network bandwidth	32 kBit/s - 8 MBit/s
White balance	AWB, Manual
White-light LEDs	2
White-light range (up to)	50 m
Width	105 mm

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