

# IP Tube 4 MPX Telephoto Motorised Zoom (4.7-118 mm)

Art.-Nr. IPCS64541

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## FAR-SIGHTED GUARDIANS: GET A CLOSE UP LOOK AT EVERY SCENE

The 4 MPx IP camera with telephoto lens and 200 m IR range provides 24/7 perimeter protection day and night. WDR dynamics and ultra-low light function deliver clear images in any light.

### Top surveillance at long distance

Thanks to a 4.7-118 mm motorised zoom telephoto lens (2.8°-56° viewing angle, 25x optical zoom), the surveillance camera can see up to 2 km away. Focal length and focus are set in the web browser.

### Autom. Object recognition

The security camera distinguishes relevant movements (people, vehicles) from disturbances (branches, light, etc.) with great precision - and thus minimises unnecessary motion alarms.

### Recording and compatibility

Camera recordings are made on an ABUS recorder, video management software or local microSD card.

### Ultra-robust housing incl. heating

Thanks to the IP67 housing with IK10 vandal protection, integrated heating and corrosion protection, the camera is optimally suited for use in cold (down to -40 °C) and salty air (e.g. on coasts).

### Quick start-up

An installation box for mounting with cable protection is included. The free ABUS IP Installer software makes setup easier.

### ABUS Link Station app: Live image, zoom & push

Mobile access to live view incl. zoom, playback and push notifications for events.

Notes: does not come with power supply unit, as power is supplied via PoE. The effective IR range will vary depending

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on the installation location.

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## Technologies

- 4 MPx resolution (2,688 x 1,520 @ 25 fps) for crisp surveillance images or 2,560 × 1,440 pixels at 50 fps (double the number of frames/sec) for very clear, smooth shots of moving objects
- Telephoto lens for long distances: 4.7-118 mm motor zoom lens (25x optical zoom, 2.8° - 56° viewing angle, zoom via app, NVR, ABUS CMS) for monitoring large or long areas up to 2 km away
- Ultra low-light performance for excellent image results in poorly lit environments
- 140 dB WDR function to effectively compensate for image contrasts, strong backlighting etc.
- Intelligent object detection and precise motion detection with fully automatic differentiation between people/vehicles and disturbances (branches, light, etc.)
- Very robust, vandalism- and weather-proof housing (IK10, IP67) with integrated heater for the most adverse environments (down to -40 °C), optimal for use near the coast (salty air) thanks to extra corrosion protection (NEMA 4X)
- IR LEDs for clear images in the dark (up to 200 m range)
- Intercom via app (2WAY audio): Audio in/out for connecting an external microphone and loudspeaker
- Supports H.264, H.265, MJPEG (incl. Dynamic GOP)
- microSD card slot for internal data storage, 12 V DC & PoE (802.3af)

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## Technical data - IP Tube 4 MPX Telephoto Motorised Zoom (4.7-118 mm)

Alarm input (NO/NC)	2
Alarm output	2
Alarming	E-Mail, App Push, FTP, CMS
Aperture at minimum illumination (colour)	F1.6 – F3.8
Audio	Connectable: Microphone, Loudspeaker
Backlight compensation	WDR, BLC, HLC
Camera type	Tube
Certifications	NEMA 4X
Compatible with ABUS Link Station	Yes
Compatible with Secoris	No
Compatible with Secvest	No
Compatible with wAppLoxx	No
Compatible with wAppLoxx Pro	No
Connections	1 x RJ45, 1 x DC, 2 x alarm in, 2 x alarm out, 1 x DC out, 1 x audio in, 1 x audio out, 1 x RS485
DC voltage supply	12 (+/-20 %) V

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## Technical data - IP Tube 4 MPX Telephoto Motorised Zoom (4.7-118 mm)

Day/night switching	ICR/Color/B/W
Design	Tube
Digital zoom	Yes
Dimensions	(LxWxH) 380x140x140 mm
Dynamic range (WDR)	140 dB
Electronic shutter	1 - 1/1000000 s
Encryption	HTTPS
Focal length	4,8 – 118,0 mm
Frame rate	25/30, 50/60
Functions	Tele-Motorzoom 4,7 - 118 mm
Gross weight	3,3 kg
Height	140 mm
Horizontal viewing angle	2,8 – 56 °
ICR day/night function	Yes
IP protection class	67
IR LEDs	Yes
IR range (up to)	200 m
Image enhancement	WDR, BLC, HLC, 3D DNR, EIS Electr. Image Stabilizer
Image integration	Yes
Image sensor	1/1.8" Progressive Scan CMOS
LAN network access	RJ45 10M/100M self-adaptive
Language of instructions	DE, UK, FR, NL, DK, IT
Length	350 mm
Lens	Motor-Zoom, Autofokus
Max. humidity	95 %
Max. operating temperature	60 °C
Max. resolution @ frame rate	2688 x 1520 @ 25/30 fps, 2560 x 1440 @ 50/60 fps
Microphone	No
Min. operating temperature	-30 °C
Minimum illumination (IR)	0 lx
Minimum illumination (colour)	0,01 lx
Motion detection	Yes
Net weight	2,2 kg
Network access	RJ45
Network camera protocols	IPv4/v6, HTTP, HTTPS, FTP, SMTP, UPnP, DNS, DynDNS, NTP, RTSP, TCP, UDP, DHCP, ABUS Server, P2P, QoS, 802.1X, IGMP, PPPoE, SNMP
Noise reduction	3D DNR
Number of IR LEDs	4

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## Technical data - IP Tube 4 MPX Telephoto Motorised Zoom (4.7-118 mm)

Number of streams	5
Number of users	32
OSD language	DE, UK, FR, NL, DK, IT
Optical zoom	25 x
PSTI conformity given	Yes
PSTI conformity required	Yes
Pixels (effective)	2688(H) x 1520(V) pixel
PoE standard	IEEE 802.3at
Power consumption	1.400 mA
Private zones	8
Protection class IK	10
Relay output	2
Resolution	4 MP
Resolution modes	Stream 1: 2688 x 1520 @ 30 fps, Stream 2: 704 x 576 @ 30 fps, Stream 3: 1920 x 1080 @ 30 fps, Stream 4: max. 1.920 x 1.080 @ 30 fps, Stream 5: max. 704 x 576 @ 30 fps
Sabotage monitoring	Scene Change Detection, Cover Detection
Storage medium	microSD card, 256 GB (opt.)
Supported browsers	MS Edge, IE11, Mozilla Firefox, Google Chrome
Technology	IP
Vertical viewing angle	1,6 – 32 °
Video Content Analysis (VCA)	Object Detection Human & Vehicle for Tripwire Detection, Intrusion Detection, Region Entrance, Region Exit or Face Recognition (2D)
Video compression	Stream 1: H.264, H.265, H.264+, H.265+, Stream 2/3/4/5: H.264, H.265, MJPEG
Video network bandwidth	32 kBit/s - 8 MBit/s
Video output	CVBS (2-Pin)
Video system	IP
White balance	AWB, Manual
Width	140 mm