

ABUS IP video surveillance 4 MPx Wi-Fi PTZ dome camera

Art.-Nr. TVIP84562

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360° all-round view

Versatile, discreet and reliable monitoring, smart storage

For business premises, businesses, offices or homes

The 4MPx IP PoE Wi-Fi PTZ mini dome camera with pan-tilt-zoom functionality is ideally suited for wide-ranging 360-degree all-round surveillance. Its compact design (Ø 13 x H 11 cm) and operating principle (the lens rotates within the glass dome) make it ideal for discreet use. Power can be supplied via a network cable (Power over Ethernet, PoE), for example from a router or a recorder - particularly useful in hard-to-reach installation locations, as it often saves time, space and installation costs. Alternatively, power the camera via a power supply unit and transmit the video data via Wi-Fi.

Efficient commissioning & video surveillance

Recordings can be stored on a recorder or microSD card. Motion detection with AI-assisted object recognition (people/vehicles) and high data compression ensure efficient use of storage space. Even the commissioning process is streamlined: the camera's user interface can be accessed quickly via a PC/browser or recorder/monitor, as well as via the ABUS IP Installer, so that the first live image can be viewed within minutes. Individual settings can also be configured quickly (e.g. schedules).

Powerful WDR function & IR LEDs for sharp images at all times

The IP camera also copes with highly variable lighting conditions, e.g. with strong backlighting in entrance areas or outdoors in general. It also features infrared LEDs for good visibility in the dark or at night.

Mobile app access

Via the ABUS Link Station app, users receive a push notification in the event of a motion alarm. The Pro version of the app offers unlimited mobile access. With the Lite version, free of charge: up to 60 minutes per month of data streaming (live view/playback).

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Technologies

- Pan, tilt and zoom security camera for indoor and outdoor use; a compact, powerful and versatile security camera with professional features; records to microSD, a recorder/NVR or NAS
- Flexible use; supply with power via Power over Ethernet (PoE) or 12 V DC plug-in power supply; transmit data via PoE or WIFI
- Lean commissioning in a few minutes via PC/browser or recorder/monitor as well as free ABUS IP Installer (fast access to IP address of camera); configuration via established user interface (schedules, etc.)
- 360-degree all-round view; infinitely variable pan, tilt and 4x optical zoom via app or browser (focal length 2.8 to 12 mm, motor zoom lens); preset positions can be controlled in seconds
- True WDR function (120 dB) for backlight situations, IR LEDs for night vision up to 20 meters (depending on location), wind & weather proof (IP66 protection), 4 megapixel resolution
- Compact dimensions (mini-dome design, diameter 13 cm); motion detection (people/vehicles) reduces storage requirements and allows you to quickly locate the scene you are looking for
- Record via microSD memory card (accessory), network video recorder (NVR), or network attached storage (NAS); H.265 Plus video compression for longer recording with highly efficient storage space usage
- Easy mobile access to livestream and memory with smartphone/tablet via ABUS Link Station app incl. push message in case of motion alarm; info/images optionally also via e-mail/FTP

Technical data - ABUS IP video surveillance 4 MPx Wi-Fi PTZ dome camera

Alarm generation	Email, ABUS Link Station Push
Aperture	F1.5 – F1.8
Article program	Performance Line
Audio	Integriert: Mikrofon, Lautsprecher
Audio bit rate	64 Kbps (G.711), 16 Kbps (G.722.1), 32 - 160 Kbps (MP2L2), 16 - 64Kbps (AAC-LC), 16 Kbps (G.726)
Audio compression	G.711, G.722.1, G.726, MP2L2, PCM, AAC-LC
Audio input	Ja
Audio output	Ja
Automatic aperture control	Yes
Backlight compensation	WDR, HLC, BLC
Base event	Bewegungserkennung
Colour	white
Compatible with	NVR, DVR, App
Compatible with ABUS Link Station	Yes
Compatible with Comfion	Yes
Compatible with Secoris	No
Compatible with Secvest	No
Compatible with Smartvest	No

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Compatible with wAppLoxx	No
Compatible with wAppLoxx Pro	No
Controllable with app	Yes
Current consumption	135 mA
DC power supply	12 V
Diameter	130,7 mm
Dimensions	130,7 x 130,7 x 103,6
Dynamic range (WDR)	120 dB
Encryption	HTTPS, TLS 1.2, TLS 1.3, 64/128-bit WEP / WPA/WPA2 / WPA-PSK/WPA2-PSK / WPS
Ethernet	10/100 Mbit/s
Focal length	2,8 - 12 mm
Frame rate	25 fps
Frequency range	2,4 – 2,4835 GHz
Gross weight	0.85 kg
Height	103,6 mm
Horizontal viewing angle	32,8 - 99,4 °
IR LEDs	Yes
IR range (up to)	20 m
IR swivel filter	Yes
Image sensor	1/2.8" Progressive Scan CMOS
Loudspeaker	Ja
Max. Air humidity	90 %
Max. Max. speed	50°/s
Max. Operating temperature	60 °C
Max. Resolution @ frame rate	2560 x 1440 @ 25 fps
Microphone	Yes
Min. operating temperature	-20 °C
Minimum illumination (IR)	0 lx
Minimum illumination (color)	0.005 lx
Minimum lighting (B/W)	0.001 lx
Mobile access	Yes
Motion detection	Ja
Mounting	Decke
Net weight	0.56 kg
Network camera protocols	TCP, UDP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, QoS, SNMP, UPnP, SMTP, IPv6
Network connection LAN	RJ-45 10/100 Mbit/s
Network connection WLAN	IEEE 802.11 b/g/n

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Network functions	IEEE 802.11 b/g/n
Number of presets	300
Optical wavelength	850
Optical zoom	4x
Output voltage DC	12 V
Pan/tilt range	0° - 355° / 0° - 90°
Panning speed	50° / s
Picture elements (total)	2560 x 1440
PoE Standard	802.3af
Power consumption	11.2 W
Privacy zones	8
Product group	Camera
Protection class IK	10
Protection class IP	66
Resolution modes	Stream 1: 2560x1440, 1920x1080, 1280x960, 1280x720; Stream 2/3: 704x576, 640x480, 352x288
Storage medium	MicroSD (max. 512 GB, optional)
Supported browsers	MS Edge, Chrome
Tilt speed	Ja
Transmission power	20 dBm
Vertical angle of view	18,4 - 51,7 °
Video bitrate	256 - 6144 kBit/s
WEEE group	9
Weight	0,9 g
White balance	AWB