

IP PTZ Dome 4 MPx (32x)

Art.-Nr. IPCS84551

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DETECT OBJECTS FROM A DISTANCE. KEEP 360° IN VIEW. IN ANY LIGHT

The IP PTZ Dome provides video streams in 4 MPx resolution up to 25 fps. The weatherproof IP66 housing allows outdoor use, due to the integrated IR LEDs the camera can be used at day and night. Access to the camera is always convenient via the Link Station app.

PTZ function: pan, tilt, zoom

The precise control mechanism allows fast and accurate 360° control of the camera. The 32x optical autofocus motor zoom provides sharp detail even over long distances - people and objects are reliably detected. The ultra low-light technology and the high-performance WDR function capture such important details in dark but also in bright areas.

Automated guard tour

Predefined preset positions allow fast startup of individual tours. This allows the camera to independently carry out guard tours.

Comfortable installation

The IP PTZ Dome is mounted on the ceiling or on the wall. We recommend the installation box TVAC31241 for wall mounting and the PoE Injector TVAC25005 for powering via High-PoE (60W). The free "ABUS IP Installer" software is available for 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,

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which can disturb the image.

Technologies

- 4 MPx Resolution: 2,560 x 1,440 @ 25 fps
- 32x optical zoom: Tele-motor zoom lens (focal length 5.9-189 mm for 51-2.6° viewing angle) for monitoring large areas up to 3 km away
- Intelligent object detection and precise motion detection with fully automatic differentiation between people/vehicles and disruptive influences (branches, light, etc.)
- PTZ function: Automatic panning/tilting (360°/105°) and zooming to keep an eye on a detected, moving object (auto-tracking, object tracking), or manual control via app, recorder, PC (ABUS CMS)
- Electronic image stabilizer (EIS) for clear, precise scenes with a lot of movement/vibration of the camera (e.g. wind, truck traffic); dynamic privacy zones for top data protection (masking automatically adjusts to zoom factor and direction of view)
- IR LEDs for clear image results in the dark (up to 200 m); Ultra Low-Light Performance for top results in low light
- 120 dB WDR function to compensate for image contrasts, strong backlight, etc.
- Alarm camera function: flashlight and acoustic alarm output (warning tone/voice announcement via integrated loudspeaker) for local alarm or addressing the perpetrator
- Weatherproof housing (IP66) including Micro SD card slot for internal data storage
- Supports H.264, H.265, MJPEG (incl. dynamic GOP); Power supply: 24 V AC & PoE (802.3bt)

Technical data - IP PTZ Dome 4 MPx (32x)

AC voltage supply	24 (+/-10 %) V
Alarm input (NO/NC)	2
Alarm output	1
Alarming	E-Mail, FTP, Relais, App Push, Flash
Aperture at minimum illumination (colour)	F1.5
Audio	Integrated: Loudspeaker; Connectable: Microphone, Loudspeaker
Backlight compensation	WDR
Camera type	PTZ
Colour	RAL9003
Compatible with ABUS Link Station	Yes
Compatible with Comfion	Yes
Compatible with Secoris	No
Compatible with Secvest	No
Compatible with wAppLoxx	No
Compatible with wAppLoxx Pro	No

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Technical data - IP PTZ Dome 4 MPx (32x)

Connections	1 x RJ45, 1 x AC, 1 x audio input, 1 x audio output, 2 x alarm input, 1 x alarm output
Day/night switching	ICR / Color/BW
Design	PTZ
Diameter	220 mm
Digital zoom	16x
Dimensions	(H x D) 363 x 220 mm
Dynamic range (WDR)	120 dB
Electronic shutter	1 - 1/30000
Encryption	HTTPS
Focal length	5,9 - 189 mm
Functions	Smart Tracking
Gross weight	5 kg
Height	363 mm
Horizontal viewing angle	2,6 – 50,8 °
ICR day/night function	Yes
IP protection class	66
IR LEDs	Yes
IR range (up to)	200 m
Image enhancement	WDR, 3D DNR, EIS Electr. Image Stabilizer
Image integration	Yes
Image sensor	1/1.8" Progressive Scan CMOS
LAN network access	RJ45
Lens	Motorised zoom, autofocus
Loudspeaker	Yes
Max. humidity	90 %
Max. operating temperature	65 °C
Max. resolution @ frame rate	2560 x 1440 @ 25 fps
Max. speed	160°/Sek. (Pan), 120°/Sek. (Tilt)
Min. operating temperature	-30 °C
Minimum illumination (B/W)	0,001 lx
Minimum illumination (IR)	0 lx
Minimum illumination (colour)	0,005 lx
Motion detection	Yes
Net weight	4 kg
Network access	RJ45
Network camera protocols	TCP/IP, UDP, IPv4/v6, HTTP, HTTPS, FTP, SMTP, UPnP, DNS, DynDNS, ABUS Server, NTP, RTSP, DHCP, SNMP, QoS, 802.1X
Noise reduction	3D-DNR

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Number of patrols	8
Number of presets	300
Number of streams	3
Number of users	32
Optical zoom	32x
Other functions	Smart Tracking, Object classification human/vehicle
PSTI conformity given	Yes
PSTI conformity required	Yes
Pan/tilt range	360°/-15°~90°
PoE standard	IEEE 802.3bt
Power consumption	1.750 mA
Private zones	24
Protection class IK	10
Resolution	4 MP
Resolution modes	Stream 1: 2.560 x 1.440 @ 25 fps, Stream 2: 704 x 576 @ 25 fps, Stream 3: 1.920 x 1.080 @ 25 fps
Storage medium	Optional microSD card (max. 256 GB)
Supported browsers	Chrome/Edge (Plugin), Edge (Compatible Mode)
Technology	IP
Vertical viewing angle	1,5 – 29,4 °
Video Content Analysis (VCA)	Tripwire, Intrusion Detection, Region Enter, 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, MJPEG
Video network bandwidth	32 kBit/s – 16 MBit/s
Video system	IP
White balance	ATW, manual