IP PTZ 4 MPx (32x)

ABUS
Security Tech Germany

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, which can disturb the image.

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Technologies

- 4 MPx Resolution: 2.560 x 1.440 @ 25 fps
- 32x motor zoom lens (4.8-153 mm)
- Ultra low-light performance for excellent low-light environments
- 120 dB WDR function to compensate for image contrasts
- Electronic Image Stabilizer (EIS)
- Weather protected housing (IP66)
- IR LEDs (range up to 150m)
- Supports H.264, H.265, MJPEG (including dynamic GOP)
- microSD card slot for internal data storage
- 24V AC & PoE (802.3bt)

Technical data - IP PTZ 4 MPx (32x)

AC voltage supply	24 (+/-10 %) V
Alarm input (NO/NC)	2
Alarm output	1
Alarming	E-Mail, NAS, FTP, Relay
Aperture at minimum illumination (colour)	F1.2 – F4.4
Audio	2-Way Audio
Backlight compensation	WDR
Camera type	PTZ
Colour	RAL9003
Compatible with ABUS Link Station	Yes
Compatible with Secoris	Yes
Compatible with Secvest	Yes
Compatible with wAppLoxx	Yes
Compatible with wAppLoxx Pro	Yes
Day/night switching	Electromechanically removable IR cut filter (ICR), colour/B&W
Depth	185 mm
Design	PTZ
Digital zoom	16 x
Dynamic range (WDR)	120 dB
Electronic shutter	1 - 1/30000
Encryption	HTTPS
Focal length	4,8 – 153 mm
Functions	Smart Tracking

Technical data - IP PTZ 4 MPx (32x)

Gross weight	4,8 kg
Height	330 mm
Horizontal viewing angle	2,0 – 54,3 °
Housing material	Metal
ICR day/night function	Yes
IP protection class	66
IR LEDs	Yes
IR range (up to)	150 m
Image integration	2 x - 8 x
Image sensor	1/2.8" Progressive Scan CMOS
LAN network access	RJ45
Lens	Motor-Zoom, Autofocus
Max. humidity	90 %
Max. operating temperature	60 °C
Max. resolution @ frame rate	2560 x 1440 @ 25 fps
Max. speed	120°/s (pan), 80°/s (tilt)
Microphone	No
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	3,6 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
Number of patrols	8
Number of presets	300
Number of streams	3
Number of users	32
Optical zoom	32 x
Other functions	Smart Tracking
PSTI conformity required	No
Pan/tilt range	360°/-15°~90°
PoE standard	IEEE 802.3bt
Power consumption	30 W
Private zones	24

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Resolution	4 MP
Resolution modes	Stream 1: 2.560 x 1.440 @ 25 fps / 1.920 x 1.080 @ 50 fps, Stream 2: 704 x 576 @ 25 fps, Stream 3: 1.920 x 1.080 @ 25 fps
Storage medium	microSD card, 256 GB (option)
Technology	IP
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
Width	185 mm