

# IP Mini PTZ 4 MPx (4x)

Art.-Nr. IPCS84510

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The IP Mini PTZ Dome camera provides video streams in 4 MPx at up to 25 fps. With a diameter of 13 cm, the camera is very compact yet still offers all the functions of a PTZ dome camera. It is therefore ideal for use in extremely confined spaces, such as private homes. Integrated IR LEDs enable use both day and night. The ABUS Link Station app means users can access the camera conveniently at any time via smartphone and tablet. The weatherproof IP66 housing and the IK10 classification also ensure reliable outdoor use.

**PTZ function: pan, tilt and zoom** The precise control delivers a 355° view and the 4x optical zoom also displays more remote image sections clearly. Preset positions allow fast move to view areas.

#### Recording and compatibility

Images can either be recorded on an ABUS recorder, a third-party VMS or locally on a microSD card.

#### Convenient start-up

The Mini PTZ dome camera is mounted on the ceiling or the wall. For wall mounting, we recommend the TVAC31215 Wall Mount, and for power supply via High PoE (60 W), the TVAC25005 PoE Injector. For simple and fast setup in the network, the free “ABUS IP Installer” is available. This locates the camera quickly and easily in the network and assists with the installation.

**Note:** the camera does not have a power supply unit because it can be supplied with power 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. Furthermore, 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 disrupt the image.

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## Technologies

- 4 Mpx resolution: 2688 x 1440 @ 25 fps
- 4x optical zoom, 16x digital zoom
- Ultra Low-Light Performance für hervorragende Ergebnisse bei schwacher Beleuchtung
- 120 dB WDR function to compensate for image contrasts
- Electronic image stabiliser (EIS)
- Weatherproof housing (IP66), shock resistance level (IK10)
- IR LEDs (up to 20-m range))
- Supports H.264, H.265, MJPEG (incl. dynamic GOP)
- MicroSD card slot for internal data storage
- 12 V DC & PoE (802.3af)

## Technical data - IP Mini PTZ 4 MPx (4x)

Alarming	E-Mail, NAS, FTP
Aperture at minimum illumination (colour)	F1.6 – F2.7
Audio	2-Way Audio
Backlight compensation	WDR
Camera type	PTZ
Colour	RAL9003
Compatible with ABUS Link Station	Yes
Compatible with Secvest	Yes
Compatible with wAppLoxx	Yes
Compatible with wAppLoxx Pro	Yes
Connections	Audio input / Audio output
DC voltage supply	12 (+/-10 %) V
Day/night switching	Electromechanically removable IR cut filter (ICR), colour/B&W
Depth	130,7 mm
Design	PTZ
Digital zoom	16 x
Dynamic range (WDR)	120 dB
Electronic shutter	1 - 1/30000
Encryption	HTTPS
Focal length	2,8 – 12 mm
Height	101,7 mm
Horizontal viewing angle	31,6 – 96,7 °
Housing material	Plastic

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## Technical data - IP Mini PTZ 4 MPx (4x)

ICR day/night function	Yes
IP protection class	66
IR LEDs	Yes
IR range (up to)	20 m
Image integration	2 x - 8 x
Image sensor	1/3" Progressive Scan CMOS
LAN network access	RJ45
Lens	Motor-Zoom
Max. humidity	90 %
Max. operating temperature	60 °C
Max. resolution @ frame rate	2560 x 1440 @ 25 fps
Max. speed	100°/s (pan), 100°/s (tilt)
Microphone	Yes
Min. operating temperature	-20 °C
Minimum illumination (B/W)	0,001 lx
Minimum illumination (IR)	0 lx
Minimum illumination (colour)	0,005 lx
Motion detection	Yes
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 IR LEDs	4
Number of presets	300
Number of streams	3
Number of users	32
Optical zoom	4x
Other functions	Auto Backup Recording
Pan/tilt range	355°/0°-90°
PoE standard	IEEE 802.3af
Power consumption	12,2 W
Private zones	8
Protection class IK	8
Protocols	Pelco D, Pelco P
Resolution	4 MP
Resolution modes	Stream 1: 2.560 x 1.440 @ 25 fps, Stream 2: 704 x 576 @ 25 fps, Stream 3: 1.280 x 720 @ 25 fps
Storage medium	microSD card, 256 GB (option)

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## Technical data - IP Mini PTZ 4 MPx (4x)

Supported browsers	IE10, IE11
Technology	IP
Video Content Analysis (VCA)	Tripwire, Intrusion Detection
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	130,7 mm