

# IP PTZ 4 MPx (25x)

Art.-Nr. IPCS84531

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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. The compact design is ideal for indoor use, for example, together with ceiling mounting frame. 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 25x 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 as (flush or surface mount) or on the wall. We recommend the installation box TVAC31245 for wall mount installation or the ceiling mount frame TVAC31375 for flush mount installation on the ceiling and the PoE Injector TVAC25001 for powering via PoE+ (30W).

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
- 25x autofocus zoom lens (4.8-120 mm)
- Ultra low-light performance for excellent low-light environments
- 120 dB WDR function to compensate for image contrasts
- 8 programmable tours with up to 32 preset positions each
- Weather protected housing (IP66)
- IR LEDs (range up to 50m)
- Supports H.264, H.265, MJPEG (including dynamic GOP)
- microSD card slot for internal data storage
- 12 V DC & PoE+ (802.3at)

## Technical data - IP PTZ 4 MPx (25x)

|   |  |
|---|--|
| Alarm input (NO/NC)                       | 2  |
| Alarm output                              | 2  |
| Alarming                                  | E-Mail, NAS, FTP   |
| Aperture at minimum illumination (colour) | F1.6 – F3.5  |
| Audio                                     | Connectable: Microphone, Loudspeaker   |
| Backlight compensation                    | WDR  |
| Camera type                               | PTZ  |
| Colour                                    | RAL9003  |
| Compatible with ABUS Link Station         | Yes  |
| Compatible with Comfion                   | Yes  |
| Compatible with Secoris                   | Yes  |
| Compatible with Secvest                   | Yes  |
| Compatible with wAppLoxx                  | Yes  |
| Compatible with wAppLoxx Pro              | Yes  |
| Connections                               | 1 x DC, 1 x RJ45, 2 x Alarm input, 2 x Alarm output, 1 x Audio input, 1 x Audio output |
| DC voltage supply                         | 12 (+/-10 %) V   |
| Day/night switching                       | Electromechanically removable IR cut filter (ICR), colour/B&W                          |
| Design                                    | PTZ  |
| Digital zoom                              | 16 x   |
| Dynamic range (WDR)                       | 120 dB   |
| Electronic shutter                        | 1/3 - 1/100000   |
| Encryption                                | HTTPS, TLS 1.2   |
| Focal length                              | 4,8 – 120 mm   |

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## Technical data - IP PTZ 4 MPx (25x)

|                               |  |
|-------------------------------|--|
| Gross weight                  | 2,9 kg   |
| Height                        | 161 mm   |
| Horizontal viewing angle      | 2,5 – 53 °   |
| Housing material              | Metal  |
| ICR day/night function        | Yes  |
| IP protection class           | 66   |
| IR LEDs                       | Yes  |
| IR range (up to)              | 50 m   |
| Image integration             | 2 x - 8 x  |
| Image sensor                  | 1/2.8" Progressive Scan CMOS   |
| LAN network access            | RJ45   |
| Length                        | 169 mm   |
| Lens                          | Motor-Zoom, Autofocus  |
| Max. humidity                 | 90 %   |
| Max. operating temperature    | 60 °C  |
| Max. resolution @ frame rate  | 2560 x 1440 @ 30 fps   |
| Max. speed                    | 350°/s (pan), 200°/s (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                    | 2,45 kg  |
| Network access                | RJ45   |
| Network camera protocols      | IPv4/v6, HTTP, HTTPS, FTP, SMTP, UPnP, DNS, DDNS, NTP, RTSP, TCP, UDP, DHCP, ABUS Server, P2P, QoS, 802.1X |
| Noise reduction               | 3D-DNR   |
| Number of IR LEDs             | 4  |
| Number of patrols             | 8  |
| Number of presets             | 300  |
| Number of streams             | 3  |
| Number of users               | 32   |
| Optical zoom                  | 25x  |
| Pan/tilt range                | 360° / -5° – 90°   |
| PoE standard                  | IEEE 802.3at   |
| Power consumption             | 1.500 mA   |
| Private zones                 | 24   |
| Protection class IK           | 10   |

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## Technical data - IP PTZ 4 MPx (25x)

|                              |   |
|------------------------------|---|
| 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               | microSD card, 256 GB (option)   |
| Supported browsers           | IE11, Mozilla Firefox, Google Chrome, MS Edge   |
| Technology                   | IP  |
| Vertical viewing angle       | 1,5 – 30,5 °  |
| 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                | AWB, manual   |
| Width                        | 169 mm  |