

# ABUS IP video surveillance 8MPx mini dome camera

Art.-Nr. TVIP48510

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## Monitoring in wind and weather

With a high, detailed 4K Ultra HD resolution of 3840 x 2160 pixels and a wide 102° viewing angle, the TVIP48510 8MPx Dome camera records 15 frames per second. This makes it a versatile surveillance solution, e.g. at home or in the office. The robust and weatherproof housing with IP67 protection class makes the camera very suitable for both indoor and outdoor use.

## Flexible location: in the entrance area, in the garden, ...

Thanks to WDR with 120dB, the camera can be used universally, even under strongly fluctuating and difficult conditions with a lot of backlight, e.g. in the entrance area or in the garden. The integrated microSD card slot is used for recording directly in the camera and for playback via browser or app. Thanks to H.265 Plus for strong compression of video data, the camera records 6x longer than H.264. Motion detection ensures that less memory is required in advance. The camera also has integrated infrared LEDs, for a visibility in darkness/night up to 30 meters (depending on the location). The installation is carried out without cable clutter: By means of power supply via the network cable (PoE) only one cable is necessary. The integrated microSD card slot is used for video recording in the camera.

## Access to live images & recordings: safe and easy/br

The camera simply connects directly to the ABUS Link Station app on the smartphone or tablet via an encrypted end-to-end connection (E2E) - and without any settings on the router. With the Lite version of the app, up to 60

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minutes of data stream (live view/playback) per month via Internet or WLAN are completely free of charge. Or with ABUS Link Station Pro: buy 1x and access data forever without limits.

## Technologies

- 8MPx camera for indoors and outdoors
- 4K resolution (Ultra HD, 3840 x 2160 pixels) at 15 fps and 102° viewing angle for more details in the picture
- WDR (120 dB) for more details even with backlight and strong contrasts
- Motion detection via software directly in the camera for low memory requirements and fast finding of the desired recording
- H.265 Plus to compress the video data and record 6x longer
- Integrated IR LEDs for best visibility at night, up to 30 meters
- Easy mobile access with the ABUS Link Station App - no router settings required
- Sends images via e-mail or FTP
- PoE (Power over Ethernet)-capable

## Technical data - ABUS IP video surveillance 8MPx mini dome camera

|                            |                          |
|----------------------------|--------------------------|
| Alarming                   | Email                    |
| Aperture                   | F2.0                     |
| Automatic aperture control | No                       |
| Base event                 | Motion detection         |
| Colour                     | White                    |
| Compatible mounts          | TVAC31500                |
| Compatible with Secvest    | Yes                      |
| Compatible with Smartvest  | No                       |
| Compatible with wAppLoxx   | Yes                      |
| DC voltage supply          | 12 V                     |
| Day/night switching        | Auto / Manual / Schedule |
| Dimensions                 | (Ø x H) 111 x 82,4 mm    |
| Dynamic range (WDR)        | 120 dB                   |
| Focal length               | 2,8 mm                   |
| Gross weight               | 0,47 kg                  |
| Horizontal viewing angle   | 102 °                    |
| Housing material           | Metal                    |
| IP protection class        | 67                       |
| IR LEDs                    | Yes                      |
| IR range (up to)           | 30 m                     |
| IR swivel filter           | Yes                      |
| Image enhancement          | BLC / 3D DNR             |
| Image sensor               | 1/2.5" CMOS              |

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## Technical data - ABUS IP video surveillance 8MPx mini dome camera

|                               |   |
|-------------------------------|---|
| Image settings                | Brightness / Contrast / Saturation / Sharpness / Mirroring  |
| Lens mount                    | M12   |
| Loudspeaker                   | No  |
| Max. humidity                 | 95 %  |
| Max. operating temperature    | 60 °C   |
| Max. resolution @ frame rate  | 3480 x 2160 @ 12.5/15 fps   |
| Microphone                    | No  |
| Min. humidity                 | 10  |
| Min. operating temperature    | -30 °C  |
| Minimum illumination (IR)     | 0 lx  |
| Minimum illumination (colour) | 0,01 lx   |
| Net weight                    | 0,32 kg   |
| Network access                | 1x RJ-45 10/100 Mbit/s self-adaptive Ethernet Anschluss   |
| Network protocols             | TCP/IP / ICMP / HTTP / HTTPS / FTP / DHCP / DNS / DDNS / RTP / RTSP / RTCP / PPPoE / NTP / UPnP / SMTP / IPv6 |
| Noise reduction               | 3D DNR  |
| Number of users               | 32  |
| OSD language                  | DE / UK / FR / NL / DK / IT / PL / ES / SE  |
| Optical Wave Length           | 850 nm  |
| PoE standard                  | 802.3af   |
| Power consumption             | 6 W   |
| Private zones                 | 4   |
| Protection class IK           | 10  |
| Recording modes               | Manual / time schedule / motion detection   |
| Resolution                    | 8 MP  |
| Resolution modes              | 3840 x 2160 @ 12.5/15 fps, 3072 x 1728 @ 20fps, 2560 x 1440 / 2304 x 1296 / 1920 x 1080 @ 25/30 fps           |
| Shutter speed                 | 1/3s - 1/100,000s   |
| Software                      | ABUS Link Station (iOS & Android) / IP Installer  |
| Storage medium                | MicroSD (max. 128GB) / NAS  |
| Supported browsers            | Internet Explorer, Chrome, Firefox, Safari  |
| Technology                    | Network   |
| User levels                   | 3   |
| Video compression             | H.264 / H.264 Plus / H.265 / H.265 Plus / MJPEG   |
| White balance                 | Auto white balance (AWB) / incandescent lamp / warm light / natural light / fluorescent lamp                  |