

# IP Dome 8 MPx (4K, 2.8 - 12 mm)

Art.-Nr. IPCB78520

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The IP Dome provides video streams in 8 MPx resolution with up to 20 fps. The impact, dust- and water-resistant IP67 / IK 10 housing protects against sabotage and vandalism. Due to the integrated IR LEDs the camera can be used at day and night. Access to the camera is possible any time via app.

## Best overview

The motor zoom lens with a focal length of 2.8 - 12 mm provides a horizontal viewing angle of 35°-115 °. Focal length and focusing can be adjusted conveniently and precisely remote via the web interface.

## Recording and compatibility

The recording can be done either on an ABUS recorder, 3rd party video management software or locally on a microSD card. Furthermore, the camera is compatible with the ABUS Secvest alarm center and the ABUS access control system wAppLoxx.

## Comfortable installation

The IP Dome is mounted on the ceiling or optionally with a bracket on the wall. We recommend our installation box (TVAC31300) and the wall bracket (TVAC31340). 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

- 8 MPx (4K) Resolution: 3.840 x 2.160 @ 20 fps
- 2.8 - 12 mm motor zoom lens
- Ultra low-light performance for excellent results in low-light environments
- 120 dB WDR function to compensate for image contrasts
- Vandalism and weather protected housing (IK10 & IP67)
- IR LEDs (range up to 30m)
- 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 Dome 8 MPx (4K, 2.8 - 12 mm)

|   |  |
|---|--|
| Alarm input (NO/NC)                       | 1  |
| Alarm output                              | 1  |
| Alarming                                  | E-Mail, NAS, FTP   |
| Aperture at minimum illumination (colour) | F1.4   |
| Audio                                     | 2-Way Audio (Browser, CMS)   |
| Backlight compensation                    | WDR, BLC, HLC  |
| Camera type                               | Dome   |
| Colour                                    | RAL9003  |
| Compatible with                           | NVR, IPCam Plus  |
| Compatible with ABUS Link Station         | Yes  |
| Compatible with Secvest                   | Yes  |
| Compatible with wAppLoxx                  | Yes  |
| Compatible with wAppLoxx Pro              | Yes  |
| Connections                               | 1 x RJ45, 1 x DC, 1 x video output, 1 x audio output, 1 x audio input, 1 x alarm input, 1 x alarm output |
| DC voltage supply                         | 12 (+/-10 %) V   |
| Day/night switching                       | ICR/Color/B/W  |
| Design                                    | Dome   |
| Dimensions                                | (LxBxH) 143x143x100 mm   |
| Dynamic range (WDR)                       | 120 dB   |
| Electronic shutter                        | 1/3 - 1/100000 s   |
| Encryption                                | HTTPS  |
| Focal length                              | 2,8 – 12,0 mm  |
| Frame rate                                | 1/16, 1/8, 1/4, 1/2, 1, 2, 4, 6, 8, 10, 12, 15, 16, 18, 20, 22, 25, 30 fps                               |

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## Technical data - IP Dome 8 MPx (4K, 2.8 - 12 mm)

|                               |  |
|-------------------------------|--|
| Functions                     | Scene Change Detection   |
| Height                        | 100 mm   |
| Horizontal viewing angle      | 35 – 115 °   |
| ICR day/night function        | Yes  |
| IP protection class           | 67   |
| IR LEDs                       | Yes  |
| IR range (up to)              | 30 m   |
| Image enhancement             | WDR, BLC, HLC, 3D DNR, Vertical Display  |
| Image sensor                  | 1/2.5" Progressive Scan CMOS   |
| LAN network access            | RJ45 10M/100M self-adaptive  |
| Language of instructions      | DE, UK, FR, NL, DK   |
| Length                        | 143 mm   |
| Lens                          | Motor-Zoom   |
| Max. humidity                 | 95 %   |
| Max. operating temperature    | 60 °C  |
| Max. resolution @ frame rate  | 3840 x 2160 @ 20 fps   |
| Microphone                    | No   |
| Min. operating temperature    | -30 °C   |
| Minimum illumination (IR)     | 0 lx   |
| Minimum illumination (colour) | 0,01 lx  |
| Motion detection              | 8 zones  |
| Net weight                    | 1,2 kg   |
| Network access                | RJ45   |
| Network camera protocols      | IPv4/v6, HTTP, HTTPS, FTP, SMTP, UPnP, DNS, DynDNS, NTP, RTSP, TCP, UDP, DHCP, ONVIF Profile S, ONVIF Profile G, ABUS Server, Secvest Link |
| Noise reduction               | 3D DNR   |
| Number of IR LEDs             | 10   |
| Number of streams             | 3  |
| Number of users               | 32   |
| ONVIF                         | Profile G, S, T  |
| OSD language                  | DE, UK, FR, NL, DK   |
| Optical zoom                  | 4,2 x  |
| Other functions               | Auto Backup Recording, Secvest Connectivity  |
| Pixels (effective)            | 3840(H) x 2160(V) pixel  |
| PoE standard                  | IEEE 802.3af   |
| Power consumption             | 1.075 mA   |
| Private zones                 | 4  |
| Protection class IK           | 10   |

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## Technical data - IP Dome 8 MPx (4K, 2.8 - 12 mm)

|                              |   |
|------------------------------|---|
| Resolution                   | 8 MP  |
| Resolution modes             | Stream 1: 3.840 x 2.160 @ 20 fps, Stream 2: 640 x 480 @ 25 fps, Stream 3: 1.280 x 720 @ 25 fps    |
| Simultaneous network access  | 6   |
| Storage medium               | microSD card, 256 GB (opt.)   |
| Supported browsers           | IE10, IE11, Mozilla Firefox 30.0+, Chrome 31.0+   |
| Technology                   | IP  |
| Vertical viewing angle       | 19 – 60 °   |
| Video Content Analysis (VCA) | Tripwire Detection, 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                | AWB, Manual   |
| Width                        | 143 mm  |