

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

Art.-Nr. IPCB78615A

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## 4K 24/7 outdoor surveillance

The IP Dome provides video streams in 8 MPx resolution with up to 20 fps. The weatherproof IP67 housing with shock resistance IK10 ensures optimum protection against sabotage and vandalism. This fact makes outdoor use possible and due to integrated IR LEDs, the camera can be used day and night. Access to the camera is possible any time via app.

## Best overview

The IP Dome with a 2.8 mm fixed lens provides an overview a range of 102°. In addition, motion detection and WDR backlight compensation is integrated.

## 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.

## Technologies

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- 8 MPx (4K) Resolution: 3.840 x 2.160 @ 20 fps
- 2.8 mm fixed lens
- 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)
- colour black

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

|   |  |
|---|--|
| Alarming                                  | E-Mail, NAS, FTP   |
| Aperture at minimum illumination (colour) | F2.0   |
| Backlight compensation                    | WDR, BLC, HLC  |
| Camera type                               | Dome   |
| Colour                                    | RAL9011  |
| 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   |
| DC voltage supply                         | 12 (+/-10 %) V V   |
| Day/night switching                       | ICR/Farbe/S/W  |
| Design                                    | Dome   |
| Dimensions                                | 143x143x100 mm   |
| Dynamic range (WDR)                       | 120dB dB   |
| Encryption                                | HTTPS  |
| Focal length                              | 2,8 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 |
| Functions                                 | Scene Change Detection   |
| Height                                    | 100 mm   |
| Horizontal viewing angle                  | 102° °   |
| ICR day/night function                    | Yes  |
| IP protection class                       | 67   |
| IR LEDs                                   | Yes  |
| IR range (up to)                          | 30 m   |

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

|                               |  |
|-------------------------------|--|
| 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   |
| Language packing              | DE, UK, FR, NL, DK,IT  |
| Length                        | 143 mm   |
| Lens                          | Fix  |
| Lens mount                    | M12  |
| 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)     | 0,1 lx   |
| Minimum illumination (colour) | 0,01 lx  |
| Motion detection              | 8 zones  |
| Net weight                    | 1,1 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   |
| OSD language                  | DE, UK, FR, NL, DK   |
| Other functions               | Auto Backup Recording, Secvest Connectivity  |
| Pixels (effective)            | 3840(H) x 2160(V) pixel  |
| PoE standard                  | IEEE 802.3af   |
| Power consumption             | 750 mA   |
| Private zones                 | 4  |
| Protection class IK           | 10   |
| 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                | Optional microSD card (up to 256 GB)   |
| Supported browsers            | IE10, IE11, Mozilla Firefox 30.0+, Chrome 31.0+  |
| Technology                    | IP   |

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

|                              |   |
|------------------------------|---|
| 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, Manuell  |
| Width                        | 143 mm  |