

IP Dome 4 MPx (2.8–12 mm)

Art.-Nr. IPCB74521

Seite 1 von 4



STRONG OUTSIDE: IN ANY LIGHT. AGAINST MANIPULATION.

With 4 MPx resolution, weatherproof IP67 housing, IK10 vandal protection and powerful IR LEDs, the IP dome is the surveillance camera for 24/7 outdoor surveillance day and night. WDR dynamics and Ultra Low-Light ensure clear images in any light.

Best, flexible surveillance in 4 MPx

The motorised zoom lens with 2.8-12 mm focal length covers a range of 30-108° (4.2x optical). Focal length and focus are conveniently and precisely adjusted via the web interface.

Autom. Object recognition

The security camera reliably distinguishes relevant movements (people, vehicles) from disturbances (branches, light, etc.) and thus minimises unnecessary motion alarms.

Recording and compatibility

Recordings are made on an ABUS recorder, on video management software or local microSD card. The camera is compatible with ABUS Secvest, Secoris and WLX Pro Plus.

Convenient start-up

Suitable for mounting on ceiling or wall, also with protected wiring and for discreet ceiling installation (with installation box/holder). The free ABUS IP Installer software makes setup easier.

ABUS Link Station app: Live Image & Push

For mobile access for live viewing, playback and push notifications for events. IPv6 compatible.

Notes: No power supply unit is included, as power is supplied via PoE.

IP Dome 4 MPx (2.8–12 mm)

Art.-Nr. IPCB74521

Seite 2 von 4

The effective IR range will vary depending on the installation location.

Technologies

- 4 MPx resolution (2,688 x 1,520 @ 25 fps) for crisp surveillance images
- 2.8 - 12 mm motorised zoom lens (4x optical zoom, 30°-108° viewing angle) for high flexibility in surveillance and choice of installation location
- Ultra low-light performance for excellent image results in poorly lit environments
- 120 dB WDR function to compensate for image contrasts, strong backlighting etc.
- Object recognition (human & vehicle): Motion detection with fully automatic differentiation between people/vehicles and disturbances (branches, light, etc.)
- Very robust, vandalism- and weather-proof housing (IK10 & IP67), in a discreet look with black covered components in the dome
- IR LEDs for very clear images in the dark (up to 40 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 Dome 4 MPx (2.8–12 mm)

| | |
|---|--|
| Alarm input (NO/NC) | 1 |
| Alarm output | 1 |
| Alarming | E-Mail, NAS, FTP, Sound |
| Aperture at minimum illumination (colour) | F1.4 |
| Audio | Connectable: Microphone, Loudspeaker |
| Backlight compensation | WDR, BLC, HLC |
| Camera type | Dome |
| Compatible with | ABUS NVR/DVR, ABUS Link Station App, Synology Surveillance Station 6.0.1+ |
| 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 RJ45, 1 x DC, 1 x Alarm input, 1 x Alarm output, 1 x Audio input, 1 x Audio output |
| DC voltage supply | 12 (+/-25 %) V |
| Day/night switching | ICR/Color/B/W |
| Design | Dome |

IP Dome 4 MPx (2.8–12 mm)

Art.-Nr. IPCB74521

Seite 3 von 4

Technical data - IP Dome 4 MPx (2.8–12 mm)

| | |
|-------------------------------|--|
| Digital zoom | Yes |
| Dimensions | (LxWxH) 154x154x112 mm |
| Dynamic range (WDR) | 120 dB |
| Electronic shutter | 1/3 - 1/1000000 s |
| Encryption | HTTPS, TLS 1.1/1.2 |
| 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 |
| Functions | Scene Change Detection, Region of Interest |
| Gross weight | 1,5 kg |
| Height | 112 mm |
| Horizontal viewing angle | 30 – 108 ° |
| Housing material | Metal |
| ICR day/night function | Yes |
| IP protection class | 67 |
| IR LEDs | Yes |
| IR range (up to) | 40 m |
| Image enhancement | WDR, BLC, HLC, 3D DNR, Vertical Display (not in Smart-Event mode) |
| Image sensor | 1/2.7" Progressive Scan CMOS |
| Installation type | Ceiling, Wall |
| LAN network access | RJ45 10M/100M self-adaptive |
| Language of instructions | DE, UK, FR, NL, DK |
| Length | 154 mm |
| Lens | Motor-Zoom |
| Max. humidity | 95 % |
| Max. operating temperature | 60 °C |
| Max. resolution @ frame rate | 2688 x 1520 @ 30 fps |
| Microphone | No |
| Min. operating temperature | -25 °C |
| Minimum illumination (IR) | 0 lx |
| Minimum illumination (colour) | 0,003 lx |
| Motion detection | 8 zones |
| Net weight | 0,9 kg |
| Network camera protocols | IPv4/v6, HTTP, HTTPS, FTP, SMTP, UPnP, DNS, DynDNS, NTP, RTSP, TCP, UDP, DHCP, ABUS Server, P2P, QoS, 802.1X, IGMP, Bonjour, PPPoE, SNMP |
| Noise reduction | 3D DNR |
| Number of IR LEDs | 2 |
| Number of streams | 3 |
| Number of users | 32 |

IP Dome 4 MPx (2.8–12 mm)

Art.-Nr. IPCB74521

Seite 4 von 4

Technical data - IP Dome 4 MPx (2.8–12 mm)

| | |
|------------------------------|--|
| ONVIF | Profile G, S, T |
| OSD language | DE, UK, FR, NL, DK, IT |
| Optical zoom | 4,2 x |
| Other functions | Object Classification Person/Vehicle |
| PSTI conformity given | Yes |
| PSTI conformity required | Yes |
| Pixels (effective) | 2688(H) x 1520(V) pixel |
| PoE standard | IEEE 802.3af |
| Power consumption | 1.100 mA |
| Private zones | 4 |
| Protection class IK | 10 |
| Resolution | 4 MP |
| Resolution modes | Stream 1: 2688 x 1520 @ 25 fps, Stream 2: 640 x 480 @ 25 fps, Stream 3: 1920 x 1080 @ 10 fps |
| Storage medium | microSD card, 256 GB (opt.) |
| Supported browsers | IE11, Mozilla Firefox, Google Chrome, MS Edge |
| Technology | IP |
| Vertical viewing angle | 17 – 56 ° |
| Video Content Analysis (VCA) | Tripwire Detection, Intrusion Detection, Region Entrance, 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 |
| Video network bandwidth | 32 kBit/s - 8 MBit/s |
| White balance | AWB, Manual |
| Width | 154 mm |