

IP Mini Dome 4 MPx (2.8 mm)

Art.-Nr. IPCB44511A

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SMALL CAMERA, BIG PERFORMANCE: FOR YOUR PROFESSIONAL SURVEILLANCE

The IP Mini Dome is a discreet surveillance camera.

Discreet 24/7 surveillance

The IP Mini Dome delivers video streams in 4 MPx resolution. With its IP67 housing and integrated IR LEDs, it is suitable for indoor and outdoor use by day and night.

2 lens variants for maximum flexibility

The camera is available with 2 focal lengths - for optimal planning and installation: 2.8 mm (103° viewing angle, IPCB44511A) for wide-angle situations and 4 mm (83°, IPCB44511B) for longer distances.

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 ABUS recorders, video management software or local microSD card. The camera is compatible with ABUS Secvest, Secoris and WLX Pro.

Convenient start-up

Installation box (TVAC32400) and wall bracket (TVAC32420) are available for ceiling or wall mounting. The free ABUS IP Installer software makes network setup easier.

ABUS Link Station app: Live access, push notifications

Easy mobile app access for live viewing, playback and push notifications for events, incl. IPv6.

Notes: Power supply unit not included, as power is supplied via PoE.

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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 mm fixed lens for a good overview (103° angle of view)
- Ultra low-light performance for excellent image results in poorly lit environments
- Object recognition (human & vehicle): Motion detection with fully automatic differentiation between people/vehicles and disturbances (branches, light, etc.)
- 120 dB WDR function to compensate for image contrasts, strong backlighting etc.
- Robust, vandalism- and weatherproof housing (IK08, IP67)
- IR LEDs for very clear images in the dark (up to 20 m range), without disturbing reflections in the glass dome (external LEDs)
- 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 Mini Dome 4 MPx (2.8 mm)

| | |
|-----------------------------------|---|
| Alarming | E-Mail, NAS, FTP |
| Audio | Integrated: Microphone |
| Backlight compensation | WDR, BLC, HLC |
| Camera type | Mini 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 |
| DC voltage supply | 12 (+/-25 %) V |
| Day/night switching | ICR/Color/B/W |
| Design | Mini dome |
| Diameter | 109 mm |
| Digital zoom | Yes |
| Dimensions | (LxWxH) 109x109x58 mm |
| Dynamic range (WDR) | 120 dB |
| Electronic shutter | 1/3 - 1/100000 s |

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Technical data - IP Mini Dome 4 MPx (2.8 mm)

| | |
|-------------------------------|--|
| Encryption | HTTPS, TLS 1.1/1.2 |
| 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, Region of Interest |
| Gross weight | 0,65 kg |
| Height | 58 mm |
| Horizontal viewing angle | 103 ° |
| Housing material | Metal |
| ICR day/night function | Yes |
| IP protection class | 67 |
| IR LEDs | Yes |
| IR range (up to) | 20 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 | 109 mm |
| Lens | Fix |
| Lens mount | M12 |
| Max. humidity | 95 % |
| Max. operating temperature | 60 °C |
| Max. resolution @ frame rate | 2688 x 1520 @ 30 fps |
| Microphone | Yes |
| Min. operating temperature | -25 °C |
| Minimum illumination (IR) | 0 lx |
| Minimum illumination (colour) | 0,003 lx |
| Motion detection | 8 zones |
| Net weight | 0,38 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 |
| ONVIF | Profile G, S, T |
| OSD language | DE, UK, FR, NL, DK, IT |
| Other functions | Object Classification Person/Vehicle |

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| | |
|------------------------------|--|
| Pixels (effective) | 2688(H) x 1520(V) pixel |
| PoE standard | IEEE 802.3af |
| Power consumption | 650 mA |
| Private zones | 4 |
| Protection class IK | 8 |
| 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 | 55 ° |
| 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 | 109 mm |