

# IP Mini Dome Wi-Fi 4 MPx (2.8mm)

Art.-Nr. IPCB44561A

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## SMALL WI-FI CAMERA, BIG PERFORMANCE: FOR EFFICIENT SURVEILLANCE

The IP Mini Dome Wi-Fi is a compact surveillance camera.

### Discreet 24/7 surveillance

The wireless 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.

### Best overview

The Wi-Fi camera covers a span of 103° - for a good overview of larger rooms or areas. Motion detection and WDR backlight compensation are built in.

### 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 Plus.

### Convenient start-up

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

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ABUS Link Station app: Live access, push notifications

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

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

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
- 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.)
- IR LEDs for very clear images in the dark (up to 20 m range), without disturbing reflections in the glass dome (external LEDs)
- Wireless Wi-Fi data transmission (Wi-Fi), incl. 2-way audio for intercom or talking into rooms, alarm input and output (I/O)
- 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 Wi-Fi 4 MPx (2.8mm)

|                                   |   |
|-----------------------------------|---|
| Alarming                          | E-Mail, NAS, FTP, Sound   |
| Audio                             | Integrated: Microphone; Connectable: Microphone, Loudspeaker              |
| 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, 1 x Audio out, 1 x Alarm in, 1 x Alarm out              |
| DC voltage supply                 | 12 (+/-25 %) V  |

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

|                               |  |
|-------------------------------|--|
| 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   |
| 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 |

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|                              |  |
|------------------------------|--|
| 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   |
| 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   |
| WLAN network access          | 802.11 b/g/n   |
| White balance                | AWB, Manual  |
| Width                        | 109 mm   |