

IP Mini Tube 4 MPx (2.8 mm, WL)

Art.-Nr. IPCS34511A

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SMALL CAMERA, BIG DETAILS AT NIGHT

This IP Mini Tube is a compact LAN camera with full colour day/night function and delivers images in 4 MPx resolution. With its white light LEDs in IP67 housing, it is designed for indoor/outdoor use by day and night. Mobile access to the camera via ABUS Link Station app.

Discreet surveillance: strong in the dark

Clear colour images in total darkness thanks to full-colour day/night technology - rich in detail for solid evidence. The slightest residual light is effectively amplified by the special lens and the extra light-sensitive image sensor. The white light LEDs provide a touch of extra light for the image sensor, barely visible to the eye.

2 variants for max. flexibility

The camera is available with 2 focal lengths: 2.8 mm / 108° field of view (IPCS34511A) and 4 mm / 95° (IPCS34511B).

Autom. Object recognition

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

Recording and compatibility

Recording is done on ABUS NVR, VMS or microSD card. The camera is compatible with ABUS Secvest, Secoris and WLX Pro.

Quick start-up

Mounting with protected cable via installation box (TVAC32600). The ABUS IP Installer software simplifies the setup in the network.

Notes: Without power supply unit, because PoE.

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The effective LED range varies depending on the location.

Technologies

- 4 MPx resolution (2,688 x 1,520 @ 25 fps) for crisp surveillance images
- 2.8 mm fixed-focus lens for a good overview (108° field of view)
- Detailed, highly usable colour images in the dark thanks to full-colour day/night technology; effectively amplifies even minimal ambient light using a special lens and very light-sensitive image sensor
- Discreet illumination of the field of view with white-light LEDs (up to 30 m range) for accurate colour images in total darkness (e.g. indoors); touch of illumination for the light-sensitive image sensor (barely visible to the human eye)
- Object recognition (human & vehicle): Video content analysis with fully automatic differentiation between people/vehicles and interferences (branches, light, etc.)
- Optional output of 3 video streams in ideal resolution for, e.g., live image, recording, mobile access, etc.
- Sturdy, weatherproof housing (IP67)
- Supports H.264, H.265, MJPEG (incl. Dynamic GOP)
- microSD card slot for internal data storage, encrypted for high data security (optional)
- 12 V DC & PoE (802.3af)

Technical data - IP Mini Tube 4 MPx (2.8 mm, WL)

| | |
|---|---|
| Additional functions | White light range up to 30 m |
| Alarming | E-Mail, NAS, FTP |
| Aperture at minimum illumination (colour) | F1.0 |
| Audio | Integrated: Microphone |
| Backlight compensation | WDR, BLC, HLC |
| Camera type | Mini Tube |
| 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 |
| Design | Mini Tube |
| Digital zoom | Yes |

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Technical data - IP Mini Tube 4 MPx (2.8 mm, WL)

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| Dimensions | (LxWxH) 223x85x85 mm |
| Dynamic range (WDR) | 120 dB |
| Electronic shutter | 1/3 - 1/1000000 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 | 0,7 kg |
| Height | 85 mm |
| Horizontal viewing angle | 108 ° |
| Housing material | Metal |
| IP protection class | 67 |
| Image enhancement | WDR, BLC, HLC, 3D DNR, Vertical Display (not in Smart-Event mode) |
| Image integration | Yes |
| Image sensor | 1/1.8" Progressive Scan CMOS |
| Installation type | Ceiling, Wall |
| LAN network access | RJ45 10M/100M self-adaptive |
| Language of instructions | DE, UK, FR, NL, DK |
| Length | 223 mm |
| Lens | Fix |
| 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 (colour) | 0,0005 lx |
| Motion detection | 8 zones |
| Net weight | 0,5 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 streams | 3 |
| Number of users | 32 |
| 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 | 600 mA |

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| | |
|------------------------------|--|
| Private zones | 4 |
| 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 |
| White-light LEDs | 2 |
| White-light range (up to) | 30 m |
| Width | 85 mm |