

IP Tube 8 MPx Black (2.8 - 12mm)

Art.-Nr. IPCB68621

Seite 1 von 4



BRILLIANT OUTSIDE: IN ANY LIGHT. AGAINST MANIPULATION.

With 8 MPx resolution, weatherproof IP67 housing in black (ABUS Black Line), IK10 vandal protection and powerful IR LEDs, the IP Tube is the surveillance camera for 24/7 outdoor surveillance day and night. WDR dynamics and Ultra Low-Light ensure clear images in any light.

Flexible monitoring in 4K Ultra HD

The motorised zoom lens with 2.8-12 mm focal length covers a range of 46-108° (4.2x optical). Focal length and focus are precisely adjusted via the web interface, and the viewing direction is easily fixed with a single screw.

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

The installation box (TVAC32600X) is used for mounting on the ceiling or wall with protected cabling. 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, incl. IPv6.

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

IP Tube 8 MPx Black (2.8 - 12mm)

Art.-Nr. IPCB68621

Seite 2 von 4

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

Technologies

- 8 MPx (4K) resolution: 3,840 x 2,160 @ 20 fps for accurate, detailed surveillance of large areas and grounds
- 2.8 - 12 mm motorised zoom lens (4x optical zoom, 46°-108° viewing angle) for high flexibility in surveillance and choice of installation location, incl. easy setup of focal length, focus and viewing direction
- 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); colour: black
- IR LEDs for very clear images in the dark (up to 60 m range)
- Supports H.264, H.265, MJPEG (incl. Dynamic GOP)
- MicroSD card slot for internal data storage
- 12 V DC & PoE (802.3at)

Technical data - IP Tube 8 MPx Black (2.8 - 12mm)

| | |
|-----------------------------------|--|
| Alarm input (NO/NC) | 1 |
| Alarm output | 1 |
| Alarming | E-Mail, NAS, FTP, Sound |
| Audio | Connectable: Microphone, Loudspeaker |
| Backlight compensation | WDR, BLC, HLC |
| Camera type | Tube |
| Colour | Black |
| Compatible with | ABUS NVR, 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, 1 x Video output |
| DC voltage supply | 12 (+/-25 %) V |
| Day/night switching | ICR/Color/B/W |
| Design | Tube |
| Digital zoom | Yes |

IP Tube 8 MPx Black (2.8 - 12mm)

Art.-Nr. IPCB68621

Seite 3 von 4

Technical data - IP Tube 8 MPx Black (2.8 - 12mm)

| | |
|-------------------------------|--|
| Dimensions | (LxWxH) 298x105x105 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 | 2,1 kg |
| Height | 105 mm |
| Horizontal viewing angle | 46 – 108 ° |
| Housing material | Metal |
| ICR day/night function | Yes |
| IP protection class | 67 |
| IR LEDs | Yes |
| IR range (up to) | 60 m |
| Image enhancement | WDR, BLC, HLC, 3D DNR, Vertical Display (not in Smart-Event mode) |
| 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 | 298 mm |
| Lens | Motor-Zoom |
| Max. humidity | 95 % |
| Max. operating temperature | 60 °C |
| Max. resolution @ frame rate | 3840 x 2160 @ 25 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 | 1,4 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 | 4 |
| Number of streams | 3 |
| Number of users | 32 |
| ONVIF | Profile G, S, T |

IP Tube 8 MPx Black (2.8 - 12mm)

Art.-Nr. IPCB68621

Seite 4 von 4

Technical data - IP Tube 8 MPx Black (2.8 - 12mm)

| | |
|------------------------------|--|
| OSD language | DE, UK, FR, NL, DK, IT |
| Optical zoom | 4,2 x |
| Other functions | Object Classification Person/Vehicle |
| Pixels (effective) | 3840(H) x 2160(V) pixel |
| PoE standard | IEEE 802.3at |
| Power consumption | 1.350 mA |
| Private zones | 4 |
| Protection class IK | 10 |
| Resolution | 8 MP |
| Resolution modes | Stream 1: 3840 x 2160 @ 25 fps, Stream 2: 640 x 480 @ 30 fps, Stream 3: 1280 x 720 @ 30 fps |
| Storage medium | microSD card, 256 GB (opt.) |
| Supported browsers | IE11, Mozilla Firefox, Google Chrome, MS Edge |
| Technology | IP |
| Vertical viewing angle | 26 – 58 ° |
| 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 - 16 MBit/s |
| White balance | AWB, Manual |
| Width | 105 mm |