

IP Spherical Dome 8 MPx (4mm)

Art.-Nr. IPCB58511B

Seite 1 von 4



BRILLIANT 8 MPx (4K) SURVEILLANCE

8 MPx (4K) 24/7 outdoor surveillance with full details

The IP spherical dome delivers ultra-high resolution surveillance images in 8 MPx (4K) resolution. The compact, weatherproof IP67 housing is designed for robust outdoor use. Powerful IR LEDs provide detailed images day and night. The camera can be accessed from the mobile app at any time.

Best overview

The IP dome watches over a span of 87°. In combination with the high 4K resolution, this provides optimal surveillance of more distant areas, corridors, etc.

Autom. Object recognition

The security camera has WDR backlight compensation and motion detection. It 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, video management software or local microSD card. The camera is compatible with ABUS Secvest, Secoris and ABUS wAppLoxx Pro Plus.

Convenient start-up

The IP dome is mounted on the ceiling or wall (wall bracket and installation box available). The free software "ABUS IP Installer" incl. "Camera Finder" is available for quick setup in the network.

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

IP Spherical Dome 8 MPx (4mm)

Art.-Nr. IPCB58511B

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 crisp, ultra-high definition surveillance images
- 4 mm fixed lens for longer distances (87° angle of view)
- 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.)
- Sturdy, weatherproof housing (IP67)
- IR LEDs for very clear images in the dark (up to 30 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)
- 12 V DC & PoE (802.3af)

Technical data - IP Spherical Dome 8 MPx (4mm)

| | |
|---|---|
| Alarming | E-Mail, NAS, FTP |
| Aperture at minimum illumination (colour) | F1.4 |
| Backlight compensation | WDR, BLC, HLC |
| Camera type | Ball Dome |
| 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 (Cable length 280 mm) |
| DC voltage supply | 12 (+/-25 %) V |
| Day/night switching | ICR/Color/B/W |
| Design | Dome |
| Digital zoom | Yes |
| Dimensions | (LxBxH) 139x139x128 mm |
| Dynamic range (WDR) | 120 dB |
| Electronic shutter | 1/3 - 1/100000 s |

IP Spherical Dome 8 MPx (4mm)

Art.-Nr. IPCB58511B

Seite 3 von 4

Technical data - IP Spherical Dome 8 MPx (4mm)

| | |
|-------------------------------|--|
| Encryption | HTTPS, TLS 1.1/1.2 |
| Focal length | 4 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 | 128 mm |
| Horizontal viewing angle | 87 ° |
| Housing material | Metal |
| ICR day/night function | Yes |
| IP protection class | 67 |
| IR LEDs | Yes |
| IR range (up to) | 30 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 | 139 mm |
| Lens | Fix |
| Lens mount | M12 |
| Max. humidity | 95 % |
| Max. operating temperature | 60 °C |
| Max. resolution @ frame rate | 3840 x 2160 @ 20 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 | 0,5 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 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 |

IP Spherical Dome 8 MPx (4mm)

Art.-Nr. IPCB58511B

Seite 4 von 4

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| | |
|------------------------------|--|
| PSTI conformity given | Yes |
| PSTI conformity required | Yes |
| Pixels (effective) | 3840(H) x 2160(V) pixel |
| PoE standard | IEEE 802.3af |
| Power consumption | 600 mA |
| Private zones | 4 |
| Resolution | 8 MP |
| Resolution modes | Stream 1: 3840 x 2160 @ 30 fps, Stream 2: 640 x 480 @ 25 fps, Stream 3: 1280 x 720 @ 25 fps |
| Storage medium | microSD card, 256 GB (opt.) |
| Supported browsers | IE11, Mozilla Firefox, Google Chrome, MS Edge |
| Technology | IP |
| Vertical viewing angle | 47 ° |
| 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 | 139 mm |