

# IP Spherical Dome 8 MPx (2.8 mm) with 2WAY Audio & Alarm

Art.-Nr. IPCS58571A

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## BRILLIANT 8 MPX (4K) SURVEILLANCE WITH AUDIO & ALARM

The IP Dome is a discreet surveillance camera with 2WAY audio and alarm function.

### 8 MPx (4K): detailed 24/7 monitoring

The IP camera delivers ultra-high resolution images in 8 MPx (4K) resolution, IR LEDs ensure good image details during day and night. The IP67 housing is for outdoor use. Mobile app access possible at any time.

### Autom. Object recognition

The security camera uses intelligent VCA object detection to distinguish relevant movements (human/vehicle) from disturbing influences (branches, light, etc.) - and minimises unnecessary motion alarms. This defines incidents (VCA events, e.g. line crossed) that trigger alarms.

### 2WAY audio & alarm (siren, LED flash)

For intercom, addressing offenders or acoustic alarm output (voice message, siren). The integrated flashing light turns the alarm camera into a signaller.

### Recording and compatibility

Recordings are saved on microSD card, ABUS recorder or via VMS software. The dome is compatible with ABUS Secvest, Secoris, WLX Pro.

### Convenient start-up

The IP dome is mounted on the ceiling or on the wall using a bracket (TVAC32520). Recommended: the installation box (TVAC32500). The free ABUS IP Installer software makes setup in the network faster.

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

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

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## Technologies

- 2-way audio security camera with integrated microphone, loudspeaker and flashing light for intercom to address people and perpetrators, as well as acoustic and visual alarms
- Integrated alarm input/output (I/O) for switching scenarios for effective alarm utilisation or optimisation of operating procedures (e.g. sales room)
- Intelligent object detection and precise motion detection with fully automatic differentiation between people/vehicles and disturbances (branches, light, etc.)
- 8 MPx (4K) resolution: 3,840 x 2,160 @ 25 fps for crisp, ultra-high resolution surveillance images and coverage of a large surveillance area
- 2.8 mm fixed lens for a good overview (111° viewing angle) in a robust, weatherproof housing (IP67)

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- 120 dB WDR function to compensate for image contrasts, strong backlighting etc. for highly usable image results in all lighting situations
- Ultra low-light performance for excellent image results in poorly lit environments
- IR LEDs for clear images in the dark (up to 30 m range)
- Strong image compression (Dyn. GOP, H.265, H.264, MJPEG) for low storage space requirements
- microSD card slot for internal data storage; 12 V DC & PoE (802.3af)

## Technical data - IP Spherical Dome 8 MPx (2.8 mm) with 2WAY Audio & Alarm

|  |  |
|--|--|
| Alarm generation                         | Flash, Loudspeaker, Email, App Push, FTP, CMS  |
| Alarm input (NO/NC)                      | 1  |
| Alarm output                             | 1  |
| Aperture at minimum illumination (color) | F1.6   |
| Application purpose                      | General surveillance   |
| Article program                          | Professional   |
| Audio                                    | Integrated: Microphone, Loudspeaker; Connectable: Microphone, Loudspeaker                                    |
| Backlight compensation                   | WDR, BLC, HLC  |
| Camera type                              | Dome   |
| Colour                                   | white  |
| 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 (cable length 250 mm) |
| Construction type of device              | Dome   |
| Current consumption                      | 800 mA   |
| DC power supply                          | 12 (+/-25 %) V   |
| Day/night switching                      | ICR/Color/B/W  |
| Diameter                                 | 139 mm   |
| Digital zoom                             | Yes  |
| Dimensions                               | (LxBxH) 139x139x128 mm   |
| Dynamic range (WDR)                      | 120 dB   |
| Electronic shutter                       | 1/3 - 1/100000 s   |
| Encryption                               | HTTPS, TLS 1.1/1.2   |

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|                              |  |
|------------------------------|--|
| 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   |
| Gross weight                 | 1.1 kg   |
| Height                       | 128 mm   |
| Horizontal viewing angle     | 110 °  |
| Housing material             | Metal  |
| ICR day/night function       | Yes  |
| IR LEDs                      | Yes  |
| IR range (up to)             | 30 m   |
| Image optimization           | WDR, BLC, HLC, 3D DNR, Vertical Display (not in Smart-Event mode)  |
| Image sensor                 | 1/1,8" Progressive Scan CMOS   |
| Language Manual              | DE, UK, FR, NL, DK, IT   |
| Language OSD                 | DE, UK, FR, NL, DK, IT   |
| Length                       | 139 mm   |
| Lens                         | Fixed  |
| Loudspeaker                  | Yes  |
| Max. Air humidity            | 95 %   |
| Max. Operating temperature   | 60 °C  |
| Max. Resolution @ frame rate | 3840 x 2160 @ 30 fps   |
| Microphone                   | Yes  |
| Min. operating temperature   | -25 °C   |
| Minimum illumination (IR)    | 0 lx   |
| Minimum illumination (color) | 0.003 lx   |
| Motion detection             | Yes  |
| Net weight                   | 0.85 kg  |
| Network bandwidth Video      | 32 kBit/s - 16 MBit/s  |
| 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 |
| Network connection LAN       | RJ45 10M/100M self-adaptive  |
| Noise suppression            | 3D DNR   |
| Number of IR LEDs            | 1  |
| Number of streams            | 3  |
| Number of users              | 32   |
| Other functions              | Object Classification Person/Vehicle   |
| PSTI conformity given        | Yes  |
| PSTI conformity needed       | Yes  |
| Pixels (effective)           | 3840(H) x 2160(V)  |
| PoE Standard                 | IEEE 802.3af   |
| Power consumption            | 9 W  |

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## Technical data - IP Spherical Dome 8 MPx (2.8 mm) with 2WAY Audio & Alarm

|                                |  |
|--------------------------------|--|
| Privacy zones                  | 4  |
| Product group                  | Camera   |
| Protection class IP            | 67   |
| Radio functions                | Scene Change Detection, Region of Interest   |
| Radio networked                | No   |
| Relay output                   | 1  |
| Resolution                     | 8 MP   |
| Resolution modes               | Stream 1: 3840 x 2160 @ 25 fps, Stream 2: 640 x 480 @ 25 fps, Stream 3: 1920 x 1080 @ 10 fps (only in surveillance mode)   |
| Storage medium                 | microSD card, 256 GB (opt.)  |
| Supported browsers             | MS Edge, IE11, Mozilla Firefox, Google Chrome  |
| Vertical angle of view         | 59 °   |
| 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 (only in surveillance mode) |
| Video motion detector included | Yes  |
| WEEE group                     | 09   |
| White balance                  | AWB, Manual  |
| White light LEDs               | 1 St.  |
| width                          | 139 mm   |