

# IP Spherical Dome 4 MPx (2.8 mm, WL)

Art. no. IPCS54511A

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- 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.
- Robust, weatherproof housing (IP67) with external WL-LEDs for clear image results without disturbing reflections in the glass dome
- 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)

COMPACT 4 MPX 24/7 SURVEILLANCE CAMERAAs a full-colour day/night camera, the IP spherical dome delivers the best surveillance images in 4 MPx resolution. The weatherproof IP67 housing is designed for outdoor use. External white light LEDs provide clear images day and night. The camera can be accessed from the mobile app at any time. Top surveillance in the darkClear 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, while the white light LEDs provide the sensor with a touch of extra light. Best overviewThe IP dome overlooks a horiz. field of view of 108° or 95° (variant A or B). Autom. Object recognitionThe security camera distinguishes relevant movements (people, vehicles) from interferences (branches, light, etc.) - and minimises unnecessary motion alarms. Recording and compatibilityRecording is done on ABUS recorders, VMS/software or local microSD card. The camera is compatible with ABUS Secvest, Secoris and wAppLoxx Pro. Easy installationThe camera is mounted on the ceiling or wall (wall bracket/ insta. box available). The free 'ABUS IP Installer' software is available for integration into the network. Notes: Without power supply

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unit, because PoE. The effective LED range varies depending on the location.

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## Technical Data:

|                                   |  |  |  |
|-----------------------------------|--|--|--|
| Installation                      | Ceiling, Wall  | Aperture at minimum illumination (color) | F1.0   |
| Additional functions              | White light range up to 30 m   | Width                                    | 139 mm   |
| Image enhancement                 | WDR, BLC, HLC, 3D DNR, Vertical Display (not in Smart-Event mode)                            | Focal length                             | 2,8 mm   |
| Video Content Analysis (VCA)      | Tripwire Detection, Intrusion Detection, Region Entrance, Region Exit                        | Gross weight                             | 0,7 kg   |
| Compatible with Secoris           | Yes  | Digital zoom                             | Yes  |
| White light LEDs (up to)          | 30 m   | Dynamic range (WDR)                      | 120 dB   |
| Technology                        | IP   | Electronic shutter                       | 1/3 - 1/100000 s   |
| Design                            | Dome   | Functions                                | Scene Change Detection, Region of Interest   |
| Compatible with Secvest           | Yes  | Backlight compensation                   | WDR, BLC, HLC  |
| Compatible with wAppLoxx          | Yes  | Housing material                         | Metal  |
| Vertical angle of view            | 55 °   | Height                                   | 128 mm   |
| Other features                    | Object Classification Person/Vehicle   | Horizontal angle of view                 | 108 °  |
| Compatible with wAppLoxx Pro      | Yes  | Camera type                              | Dome   |
| Compatible with ABUS Link Station | Yes  | Compatible with                          | ABUS NVR/DVR, ABUS Link Station App, Synology Surveillance Station 6.0.1+  |
| Dimensions                        | (LxBxH) 139x139x128 mm   | Length                                   | 139 mm   |
| Alarming                          | E-Mail, NAS, FTP   | Power consumption                        | 7 W  |
| Connections                       | 1 x RJ45, 1 x DC   | Max. resolution @ frame rate             | 2688 x 1520 @ 30 fps   |
| Number of users                   | 32   | Max. operating temperature               | 60 °C  |
| Number of streams                 | 3  | Max. humidity                            | 95 %   |
| Audio                             | Microphone   | Microphone                               | Yes  |
| Resolution                        | 4 MP   | Min. operating temperature               | -25 °C   |
| Resolution modes                  | Stream 1: 2688 x 1520 @ 25 fps, Stream 2: 640 x 480 @ 25 fps, Stream 3: 1920 x 1080 @ 10 fps | Minimum illumination (color)             | 0,0005 lx  |
| Motion detection                  | 8 zones  | Net weight                               | 1 kg   |
| Image sensor                      | 1/1.8" Progressive Scan CMOS   | Video network bandwidth                  | 32 kBit/s - 8 MBit/s   |
| Pixels (effective)                | 2688(H) x 1520(V) pixel  | LAN network access                       | RJ45 10M/100M self-adaptive  |
| Image integration                 | Yes  | 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 |
| 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                   | Lens                                     | Fix  |

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|                          |                             |
|--------------------------|-----------------------------|
| PoE Standard             | IEEE 802.3af                |
| Private zones            | 4                           |
| Noise reduction          | 3D DNR                      |
| IP protection class      | 67                          |
| DC voltage supply        | 12 (+/-25 %) V              |
| Storage medium           | microSD card, 256 GB (opt.) |
| Language of instructions | DE, UK, FR, NL, DK          |
| OSD language             | DE, UK, FR, NL, DK, IT      |

|                    |  |
|--------------------|--|
| Power consumption  | 600 mA   |
| Supported browsers | IE11, Mozilla Firefox, Google Chrome, MS Edge  |
| Encryption         | HTTPS, TLS 1.1/1.2   |
| Video compression  | Stream 1: H.264, H.265, Dynamic GOP (+), Stream 2: H.264, H.265, MJPEG, Stream 3: H.264, H.265 |
| White balance      | AWB, Manual  |
| White light LEDs   | 2 C62  |