

IP Panorama Dome 8 MPx (180°, WL)

Art.-Nr. IPCS28581A

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ONE CAMERA. 180° SURVEILLANCE

The multi-imager overview camera for your company premises: with 4K resolution, colour night vision and white light LEDs, the panoramic camera delivers crystal-clear images even in difficult lighting situations.

180° panoramic field of view

The surveillance camera composes a complete 180° panoramic image from the viewing angles of two camera modules. For the best overview without blind spots, also suitable for ultra widescreen display. The LAN camera can be swivelled downwards during installation to capture the area directly in front of/below the camera.

Colour night vision & contrast

See what is happening in total darkness in high-contrast colour images. Even overexposed areas (e.g. with backlighting) are optimally displayed thanks to WDR contrast equalisation.

Fully automatic: person/vehicle object detection

The security camera precisely distinguishes relevant objects (people, vehicles) from disruptive influences and reduces unnecessary motion alarms. For example, person detection triggers an alarm event (app, recorder, software, local alarm) and recording (memory card, ABUS recorder, VMS software).

Alarm camera

Visible, loud alarm with flashing light and warning tone. Perpetrators can also be addressed acoustically via loudspeaker.

ABUS Link Station app

Mobile access with live view, playback and push alarm.

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Technical data - IP Panorama Dome 8 MPx (180°, WL)

| | |
|---|--|
| Aperture at minimum illumination (colour) | 1.0 |
| Audio | Integrated: Microphone, Loudspeaker; Connectable: Microphone, Loudspeaker |
| Backlight compensation | WDR, BLC, HLC |
| Camera type | Dome |
| Compatible with | NVR, ABUS Link Station App, ABUS CMS |
| Compatible with ABUS Link Station | Yes |
| DC voltage supply | 12 (+/-25 %) V |
| Design | Dome |
| Diameter | 155 mm |
| Digital zoom | Yes |
| Dimensions | (H x D) 155 x 155 mm mm |
| Dynamic range (WDR) | 130 dB |
| Electronic shutter | 1/3 - 1/50000 s |
| Encryption | HTTPS, TLS 1.2 |
| Focal length | 2 x 4 mm |
| Frame rate | 1/16, 1/8, 1/4, 1/2, 1, 2, 4, 6, 8, 10, 12, 15, 16, 18, 20 fps |
| Gross weight | 1,9 kg |
| Height | 155 mm |
| Horizontal viewing angle | 180 ° |
| Housing material | Metal |
| IP protection class | 67 |
| Image sensor | 2 x 1/1,8" Progressive Scan CMOS |
| Installation type | Ceiling, Wall |
| LAN network access | RJ45 10M/100M self-adaptive |
| Lens | Fix |
| Loudspeaker | Yes |
| Max. resolution @ frame rate | 5120 x 1440 @ 20 fps |
| Microphone | Yes |
| Min. operating temperature | -30 °C |
| Minimum illumination (colour) | 0,0005 lx |
| Motion detection | Yes |
| Net weight | 1,1 kg |
| Network camera protocols | IPv4/v6, HTTP, HTTPS, FTP, SMTP, UPnP, DNS, DynDNS, NTP, RTSP, TCP, UDP, DHCP, ABUS Server, P2P, QoS, 802.1X, SNMP |
| Noise reduction | 3D DNR |
| ONVIF | Profile G, S, T |

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| | |
|------------------------------|--|
| OSD language | DE, UK, FR, NL, DK, IT |
| Other functions | Object Classification Person/Vehicle |
| Pixels (effective) | 5120(H) x 1440(V) pixel |
| PoE standard | IEEE 802.3af |
| Power consumption | 900 mA |
| Private zones | No |
| Relay output | 1 |
| Resolution | 8 MP |
| Resolution modes | WDR off: Stream 1: 5120 x 1440 @ 20 fps, Stream 2: 1920 x 536 @ 20 fps, WDR on: Stream 1: 5120 x 1440 @ 12.5 fps, Stream 2: 1920 x 536 @ 12.5 fps |
| Storage medium | microSD card, 256 GB (opt.) |
| Supported browsers | MS Edge, IE11, Google Chrome |
| Technology | IP |
| Vertical viewing angle | 44 ° |
| 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 |
| Video network bandwidth | 32 kBit/s - 16 MBit/s |
| White balance | AWB, Manual |
| White-light LEDs | 4 |
| White-light range (up to) | 30 m |