

# IP Dome 2 MPx (1080p, 2.8 mm)

Art.-Nr. IPCB72515A

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Due to its compact dimensions, the IP Dome is a discreet surveillance camera for outdoor and indoor use. The dome has a fixed lens with 2.8 mm focal length.

## Subtle Full HD 24/7 outdoor surveillance

The IP Dome provides video streams in 2 MPx resolution with up to 25 fps. The weatherproof IP67 housing with shock resistance IK10 ensures optimum protection against sabotage and vandalism. This fact makes outdoor use possible and due to integrated IR LEDs, the camera can be used day and night. Access to the camera is possible any time via app.

## Best overview

The IP Dome provides an overview of a range of 108 °. The combination of wide angle and 2 MPx offers an overview of wide spaces and terrain. In addition, motion detection and WDR backlight compensation is integrated.

## Recording and compatibility

The recording can be done either on an ABUS recorder, 3rd party video management software or locally on a microSD card. Furthermore, the camera is compatible with the ABUS Secvest alarm center and the ABUS access control system wAppLoxx.

## Comfortable installation

The IP Dome is mounted on the ceiling or optionally with a bracket on the wall. We recommend the ABUS installation box (TVAC31300) and the wall bracket (TVAC31320). The free "ABUS IP Installer" software is available for simple setup in the network. The software finds the camera quickly and easily within the network and supports during the installation process.

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Note: The camera does not come with a power supply, as it can be powered via PoE.

## Technologies

- 2 MPx (Full HD 1080p) resolution: 1920 x 1.080 @ 30 fps
- 2.8 mm fixed lens
- Ultra low-light performance for excellent results in low-light environments
- 120 dB WDR function to compensate for image contrasts
- Weather protected housing (IP67)
- IR LEDs (range up to 30m)
- Supports H.264, H.265, MJPEG (incl. dynamic GOP)
- microSD card slot for internal data storage
- 12 V DC & PoE (802.3af)

## Technical data - IP Dome 2 MPx (1080p, 2.8 mm)

|   |  |
|---|--|
| Alarming                                  | E-Mail, NAS, FTP   |
| Aperture at minimum illumination (colour) | F1.6   |
| Backlight compensation                    | WDR, BLC, HLC  |
| Camera type                               | Dome   |
| Colour                                    | RAL9003  |
| Compatible with                           | NVR, Hybrid DVR, IPCam Plus  |
| Compatible with ABUS Link Station         | Yes  |
| Compatible with Secvest                   | Yes  |
| Compatible with wAppLoxx                  | Yes  |
| Compatible with wAppLoxx Pro              | Yes  |
| Connections                               | 1 x RJ45, 1 x DC   |
| DC voltage supply                         | 12 (+/-10 %) V   |
| Day/night switching                       | ICR/Color/B/W  |
| Design                                    | Dome   |
| Dimensions                                | (LxWxH) 143x143x100 mm   |
| Dynamic range (WDR)                       | 120 dB   |
| Electronic shutter                        | 1/3 - 1/1000000 s  |
| Encryption                                | HTTPS  |
| 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 |
| Functions                                 | Scene Change Detection   |

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## Technical data - IP Dome 2 MPx (1080p, 2.8 mm)

|                               |  |
|-------------------------------|--|
| Height                        | 100 mm   |
| Horizontal viewing angle      | 108 °  |
| 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  |
| Image sensor                  | 1/2.8" Progressive Scan CMOS   |
| LAN network access            | RJ45 10M/100M self-adaptive  |
| Language of instructions      | DE, UK, FR, NL, DK   |
| Length                        | 143 mm   |
| Lens                          | Fix  |
| Lens mount                    | M12  |
| Max. humidity                 | 95 %   |
| Max. operating temperature    | 60 °C  |
| Max. resolution @ frame rate  | 1920 x 1080 @ 30 fps   |
| Microphone                    | No   |
| Min. operating temperature    | -30 °C   |
| Minimum illumination (IR)     | 0 lx   |
| Minimum illumination (colour) | 0,005 lx   |
| Motion detection              | 8 zones  |
| Net weight                    | 1,1 kg   |
| Network access                | RJ45   |
| Network camera protocols      | IPv4/v6, HTTP, HTTPS, FTP, SMTP, UPnP, DNS, DynDNS, NTP, RTSP, TCP, UDP, DHCP, ONVIF Profile S, ONVIF Profile G, ABUS Server, Secvest Link |
| Noise reduction               | 3D DNR   |
| Number of IR LEDs             | 10   |
| Number of streams             | 3  |
| Number of users               | 32   |
| OSD language                  | DE, UK, FR, NL, DK   |
| Other functions               | Auto Backup Recording, Secvest Connectivity  |
| Pixels (effective)            | 1920(H) x 1080(V) pixel  |
| PoE standard                  | IEEE 802.3af   |
| Power consumption             | 550 mA   |
| Private zones                 | 4  |
| Resolution                    | 2 MP   |
| Resolution modes              | Stream 1: 1.920 x 1.080 @ 25 fps, Stream 2: 640 x 480 @ 25 fps, Stream 3: 1.920 x 1.080 @ 25 fps   |

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## Technical data - IP Dome 2 MPx (1080p, 2.8 mm)

|                              |   |
|------------------------------|---|
| Simultaneous network access  | 6   |
| Storage medium               | microSD card, 256 GB (opt.)   |
| Supported browsers           | IE10, IE11, Mozilla Firefox 30.0+, Chrome 31.0+   |
| Technology                   | IP  |
| Vertical viewing angle       | 59 °  |
| Video Content Analysis (VCA) | Tripwire Detection, Intrusion Detection   |
| Video compression            | Stream 1: H.264, H.265, Dynamic GOP, Stream 2: H.264, H.265, MJPEG, Stream 3: H.264, H.265, MJPEG |
| Video network bandwidth      | 32 kBit/s - 16 MBit/s   |
| Video system                 | IP  |
| White balance                | AWB, Manual   |
| Width                        | 143 mm  |