# IP Mini Dome 2 MPx (1080p, 4 mm)

ABUS
Security Tech Germany

Due to its compact dimensions, the IP Mini Dome is a discreet surveillance camera for outdoor and indoor use. The dome is available in several versions with different fixed lenses from 2.8 mm (IPCB42510A) to 4 mm (IPCB42510B) and even 6mm (IPCB42510C).

Discreet Full HD 24/7 outdoor surveillance

The IP Mini Dome provides video streams in 2 MPx resolution with up to 30 fps. The weatherproof IP66 housing allows outdoor use. Due to integrated IR LEDs, the camera can be also used day and night. Access to the camera is possible at any time via app.

3 lens variants for maximum flexibility

The IP Mini Dome is available in 3 versions with different fix lenses. Therefore, the camera offers maximum flexibility in the planning and installation of video surveillance projects. The IP Mini Dome IPCB42510A with a 2.8 mm fixed lens and a horizontal viewing angle of 108° is ideal for wide-angle surveillance scenes. The IP Mini Dome IPCB42510C with a 6 mm fixed lens and a horizontal viewing angle of 53° is a popular variant for installation in corridors.

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

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The IP Mini Dome is mounted on the ceiling or optionally with a bracket on the wall. We recommend our installation box (TVAC31460) and the wall bracket (TVAC31450). 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.

ABUS Link Station App: Live Access & Push-Notifications
This camera is compatible with the emABUS Link Station/em App. The app provides easy online access to the camera - directly without intricate adjustments or portforwarding. It also provides a simple solution for internet connections with IPv6 adresses. The app allows live view, plays recorded videos and photos and supports push notifications in case of an event.

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

The effective IR range will depend on the installation location. If there are surfaces that absorb light or no objects that reflect IR light in the field of view, the IR range will be reduced and/or the video image will be too dark. Reflective objects in the immediate vicinity of the camera (e.g. roof gutter or wall) may also result in the reflection of IR light, which can disturb the image.

## Technologies

- 2 MPx (Full HD 1080p) resolution: 1920 x 1.080 @ 30 fps
- 4 mm fixed lens
- Ultra low-light performance for excellent results in low-light environments
- 120 dB WDR function to compensate for image contrasts
- Vandalism and weather protected housing (IK08 & IP66)
- IR LEDs (range up to 10m)
- 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 Mini Dome 2 MPx (1080p, 4 mm)

| | |
|---|---|
| Alarming | E-Mail, NAS, FTP |
| Aperture at minimum illumination (colour) | F1.6 |
| Backlight compensation | WDR, BLC, HLC |
| Camera type | Mini Dome |
| Colour | RAL9003 |
| Compatible with | NVR, Hybrid DVR, IPCam Plus |
| Compatible with ABUS Link Station | Yes |

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## Technical data - IP Mini Dome 2 MPx (1080p, 4 mm)

| | |
|---|---|
| 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)97x100x53 mm |
| Dynamic range (WDR) | 120 dB |
| Electronic shutter | 1/3 - 1/100000 s |
| Encryption | HTTPS |
| 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 |
| Height | 53 mm |
| Horizontal viewing angle | 87 ° |
| ICR day/night function | Yes |
| IP protection class | 66 |
| IR LEDs | Yes |
| IR range (up to) | 10 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 | 97 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) | 0,009 lx |
| Motion detection | 8 zones |
| Net weight | 0,4 kg |
| Network access | RJ45 |

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| | |
|---|---|
| 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 users | 32 |
| ONVIF | Profile G, S, T |
| OSD language | DE, UK, FR, NL, DK |
| Other functions | Auto Backup Recording, Secvest Connectivity |
| PSTI conformity required | No |
| Pixels (effective) | 1920(H) x 1080(V) pixel |
| PoE standard | IEEE 802.3af |
| Power consumption | 625 mA |
| Private zones | 4 |
| Protection class IK | 8 |
| Resolution | 2MPx |
| 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 |
| 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 | 45 ° |
| 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 | 100 mm |