

IP Mini Dome 4 MPx (2.8 mm)

Art.-Nr. IPCB44510A

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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 (IPCB44510A) to 4 mm (IPCB44510B) and even 6 mm (IPCB44510C).

Discreet 4 MPx 24/7 outdoor surveillance

The IP Mini Dome provides video streams in 4 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 IPCB44510A with a 2.8 mm fixed lens and a horizontal viewing angle of 109° is ideal for wide-angle surveillance scenes. The IP Mini Dome IPCB44510C 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

The IP Mini Dome is mounted on the ceiling or optionally with a bracket on the wall. We recommend our installation

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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.

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

- 4 MPx Resolution: 2.688 x 1.520 @ 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
- 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 4 MPx (2.8 mm)

Alarming	E-Mail, NAS, FTP
Aperture at minimum illumination (colour)	1.6
Backlight compensation	WDR, BLC, HLC
Camera type	Mini Dome
Colour	RAL9003
Compatible with	NVR, Hybrid DVR, IPCam Plus
Compatible with ABUS Link Station	Yes
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

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Technical data - IP Mini Dome 4 MPx (2.8 mm)

Design	Dome
Dimensions	(LxWxH) 97x100x53 mm
Dynamic range (WDR)	120 dB
Electronic shutter	1/3 - 1/100000 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
Height	53 mm
Horizontal viewing angle	109 °
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	1/2.5" 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	2688 x 1520 @ 30 fps
Microphone	No
Min. operating temperature	-30 °C
Minimum illumination (IR)	0 lx
Minimum illumination (colour)	0,008 lx
Motion detection	8 zones
Net weight	0,4 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 users	32
ONVIF	Profile G, S, T
OSD language	DE, UK, FR, NL, DK

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Technical data - IP Mini Dome 4 MPx (2.8 mm)

Other functions	Auto Backup Recording, Secvest Connectivity
Pixels (effective)	2688(H) x 1520(V) pixel
PoE standard	IEEE 802.3af
Power consumption	700 mA
Private zones	4
Protection class IK	8
Resolution	4 MP
Resolution modes	Stream 1: 2.688 x 1.520 @ 25 fps, Stream 2: 640 x 480 @ 25 fps, Stream 3: 1.280 x 720 @ 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	60 °
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