IP Mini Dome Wi-Fi 2 MPx (1080p, 2.8 mm)

Art.-Nr. IPCB42515A

- 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
- 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)
- Wi-Fi, two-way audio, alarm input and output (I/0)

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

Discreet Full HD 24/7 outdoor surveillance

The IP Mini Dome WLAN 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. In addition, integration via WLAN is supported. Access to the camera is possible at any time via app.

Best overview

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The IP Mini Dome WLAN provides a horizontal viewing angle of 108° is ideal for wide-angle surveillance scenes. The combination of flat design, wide angle and Full HD offers an overview of wide spaces and terrain. In addition, motion detection and WDR backlight compensation are 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 Mini Dome WLAN 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 ABUS Link Station 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.

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Technical Data

Alarm input (NO/NC)	1	IK protection class	8
Alarming	E-Mail, NAS, FTP	IP protection class	66
Aperture at minimum illumination (color)	F1.6	IR LEDs	Yes
		IR range (up to)	10m
Audio	1 x Mic (built-in), 1 x Audio Out	Image enhancement	WDR, BLC, HLC, 3D DNR, Vertical Display
Backlight compensation	WDR, BLC, HLC	Image sensor	1/2.8" Progressive Scan CMOS
Camera type	Mini Dome		
Color	RAL9003	LAN network access	RJ45 10M/100M self-adaptive
Compatible with	NVR, Hybrid DVR, IPCam Plus		
Compatible with ABUS Link Station	Yes	Language of instructions	DE, UK, FR, NL, DK
		Length	97mm
Compatible with Secvest	Yes	Lens	Fix
Compatible with wAppLoxx	Yes	Lens mount	M12
Compatible with wAppLoxx Pro	Yes	Max. humidity	95%
		Max. operating temperature	60°C
Connections	1 x RJ45, 1 x DC, 1 x Audio out, 1 x Alarm in, 1 x Alarm out	Max. resolution @ frame rate	1920 x 1080 @ 30 fps
		Microphone	Yes
DC voltage supply	12 (+/-10 %)V	Min. operating temperature	-30°C
Day/night switching	ICR/Color/B/W		
Design	Mini Dome	Minimum illumination (IR)	0lx
Dynamic range (WDR)	120dB	Minimum illumination (color)	0,009lx
Electronic shutter	1/3 - 1/100000 s		
Encryption	HTTPS	Motion detection	8 zones
Focal length	2,8mm	Net weight	0,4kg
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	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
Functions	Scene Change Detection		
Height	53mm		
Horizontal angle of view	108°		
ICR day/night function	Yes		

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Noise reduction	3D DNR	Storage medium	microSD card, 256 GB (opt.)
Number of IR LEDs	10	Supported browsers	IE10, IE11, Mozilla Firefox 30.0+, Chrome 31.0+
Number of users	32		
ONVIF	Profile G, S, T	Technology	IP
OSD language	DE, UK, FR, NL, DK	Vertical angle of view	59°
Other features	Auto Backup Recording, Secvest Connectivity	Video Content Analysis (VCA)	Tripwire Detection, Intrusion Detection
Pixels (effective)	1920(H) x 1080(V)pixel	Video compression	Stream 1: H.264, H.265, Dynamic GOP, Stream 2: H.264, H.265, MJPEG, Stream 3: H.264, H.265, MJPEG
PoE Standard	IEEE 802.3af		
Power consumption	625mA		
Private zones	4		
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	Video network bandwidth	32 kBit/s - 16 MBit/s
		Video system	IP
		White balance	AWB, Manual
		Wi-Fi network access	802.11 b/g/n
Simultaneous network access	6	Width	100mm