

# IP Mini Dome Wi-Fi 4 MPx (2.8mm)

Art.-Nr. IPCB44561A

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## SMALL WI-FI CAMERA, BIG PERFORMANCE: FOR EFFICIENT SURVEILLANCE

The IP Mini Dome Wi-Fi is a compact surveillance camera.

### Discreet 24/7 surveillance

The wireless dome delivers video streams in 4 MPx resolution. With its IP67 housing and integrated IR LEDs, it is suitable for indoor and outdoor use by day and night.

### Best overview

The Wi-Fi camera covers a span of 103° - for a good overview of larger rooms or areas. Motion detection and WDR backlight compensation are built in.

### Autom. Object recognition

The security camera reliably distinguishes relevant movements (people, vehicles) from disturbances (branches, light, etc.) - and thus minimises unnecessary motion alarms.

### Recording and compatibility

Recordings are made on ABUS recorders, video management software or local microSD card. The camera is compatible with ABUS Secvest, Secoris and WLX Pro Plus.

### Convenient start-up

Data can be transmitted wirelessly. Installation box (TVAC32400) and wall bracket (TVAC32420) are available for ceiling or wall mounting. The free ABUS IP Installer software makes network setup easier.

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ABUS Link Station app: Live access, push notifications

Easy mobile app access for live viewing, playback and push notifications for events. IPv6 compatible.

Notes: Power supply unit not included, as power is supplied via PoE.  
The effective IR range will vary depending on the installation location.

## Technologies

- 4 MPx resolution (2,688 x 1,520 @ 25 fps) for crisp surveillance images
- 2.8 mm fixed lens for a good overview (103° angle of view)
- Ultra low-light performance for excellent image results in poorly lit environments
- 120 dB WDR function to compensate for image contrasts, strong backlighting etc.
- Object recognition (human & vehicle): Motion detection with fully automatic differentiation between people/vehicles and disturbances (branches, light, etc.)
- IR LEDs for very clear images in the dark (up to 20 m range), without disturbing reflections in the glass dome (external LEDs)
- Wireless Wi-Fi data transmission (Wi-Fi), incl. 2-way audio for intercom or talking into rooms, alarm input and output (I/O)
- 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 Wi-Fi 4 MPx (2.8mm)

Alarming	E-Mail, NAS, FTP, Sound
Audio	Integrated: Microphone; Connectable: Microphone, Loudspeaker
Backlight compensation	WDR, BLC, HLC
Camera type	Mini Dome
Compatible with	ABUS NVR/DVR, ABUS Link Station App, Synology Surveillance Station 6.0.1+
Compatible with ABUS Link Station	Yes
Compatible with Comfion	Yes
Compatible with Secoris	Yes
Compatible with Secvest	Yes
Compatible with wAppLoxx	Yes
Compatible with wAppLoxx Pro	Yes
Connections	1 x RJ45, 1 x DC, 1 x Audio out, 1 x Alarm in, 1 x Alarm out
DC voltage supply	12 (+/-25 %) V

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

Day/night switching	ICR/Color/B/W
Design	Mini Dome
Diameter	109 mm
Digital zoom	Yes
Dimensions	(LxWxH) 109x109x58 mm
Dynamic range (WDR)	120 dB
Electronic shutter	1/3 - 1/100000 s
Encryption	HTTPS, TLS 1.1/1.2
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, Region of Interest
Gross weight	0,65 kg
Height	58 mm
Horizontal viewing angle	103 °
Housing material	Metal
ICR day/night function	Yes
IP protection class	67
IR LEDs	Yes
IR range (up to)	20 m
Image enhancement	WDR, BLC, HLC, 3D DNR, Vertical Display (not in Smart-Event mode)
Image sensor	1/2.7" Progressive Scan CMOS
Installation type	Ceiling, Wall
LAN network access	RJ45 10M/100M self-adaptive
Language of instructions	DE, UK, FR, NL, DK
Length	109 mm
Lens	Fix
Lens mount	M12
Max. humidity	95 %
Max. operating temperature	60 °C
Max. resolution @ frame rate	2688 x 1520 @ 30 fps
Microphone	Yes
Min. operating temperature	-25 °C
Minimum illumination (IR)	0 lx
Minimum illumination (colour)	0,003 lx
Motion detection	8 zones
Net weight	0,38 kg
Network camera protocols	IPv4/v6, HTTP, HTTPS, FTP, SMTP, UPnP, DNS, DynDNS, NTP, RTSP, TCP, UDP, DHCP, ABUS Server, P2P, QoS, 802.1X, IGMP, Bonjour, PPPoE, SNMP

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

Noise reduction	3D DNR
Number of IR LEDs	2
Number of streams	3
Number of users	32
ONVIF	Profile G, S, T
OSD language	DE, UK, FR, NL, DK, IT
Other functions	Object Classification Person/Vehicle
Pixels (effective)	2688(H) x 1520(V) pixel
PoE standard	IEEE 802.3af
Power consumption	650 mA
Private zones	4
Protection class IK	8
Resolution	4 MP
Resolution modes	Stream 1: 2688 x 1520 @ 25 fps, Stream 2: 640 x 480 @ 25 fps, Stream 3: 1920 x 1080 @ 10 fps
Storage medium	microSD card, 256 GB (opt.)
Supported browsers	IE11, Mozilla Firefox, Google Chrome, MS Edge
Technology	IP
Vertical viewing angle	55 °
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, Stream 3: H.264, H.265
Video network bandwidth	32 kBit/s - 8 MBit/s
WLAN network access	802.11 b/g/n
White balance	AWB, Manual
Width	109 mm