

# ABUS IP video surveillance 2MPx Wi-Fi PTZ dome camera

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All-round 360° view

Flexible use, discreet and reliable monitoring, clever storage

For company premises, businesses, offices or home: The 2MPx IP PoE Wi-Fi PTZ mini dome camera with pan-tilt-zoom function is ideally suited for wide-area 360-degree surveillance. Compact design (Ø 13 x H 11 cm) and operation (lens rotates inside the glass dome) so ideal for discreet use. Power can be supplied via network cable (PoE), e.g. from router or a recorder - particularly useful in hard-to-reach locations as it often saves time, space and installation costs. Alternatively, power the camera with a mains adapter and transmit the video data via Wi-Fi.

Efficient start-up & video surveillance

Recordings can be stored on a recorder, via NAS or on microSD card. The motion detection function of the surveillance camera and strong data compression ensure efficient memory use. Even start-up is brief: the camera's user interface is quickly accessed from a PC/browser or recorder/monitor and ABUS IP Installer and displays the first live image within minutes. Settings can also be customised quickly (e.g. schedules).

Strong WDR function & IR LEDs for sharp images at all times

The IP camera also copes with strongly fluctuating light conditions, e.g. with a lot of backlight in entrance areas or generally outdoors. It also has infrared LEDs for good visibility in the dark/at night.

Mobile app access

Users receive a push message in the event of a motion alarm via the ABUS Link Station app. The Pro version of the app offers unlimited mobile access. Free with Lite version: up to 60 minutes/month data stream (live view/playback).

## Technologies

- Easy mobile access to livestream and memory with smartphone/tablet via ABUS Link Station app incl. push message

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in case of motion alarm; info/images optionally also via e-mail/FTP

- Flexible use; supply with power via Power over Ethernet (PoE) or 12 V DC plug-in power supply; transmit data via PoE or WIFI
- Lean commissioning in a few minutes via PC/browser or recorder/monitor as well as free ABUS IP Installer (fast access to IP address of camera); configuration via established user interface (schedules, etc.)
- 360-degree all-round view; infinitely variable pan, tilt and 4x optical zoom via app or browser (focal length 2.8 to 12 mm, motor zoom lens); preset positions can be controlled in seconds
- True WDR function (120 dB) for backlight situations, IR LEDs for night vision up to 20 meters (depending on location), wind & weather proof (IP66 protection), Full HD resolution (2 megapixels, 1080p)
- Compact dimensions/size (mini dome design, diameter 13 cm) optimal for discreet 24/7 video surveillance in the company or at home; motion detection means less storage space is required and the searched scene can be found quickly
- Record via microSD memory card (accessory), network video recorder (NVR), or network attached storage (NAS); H.265 Plus video compression for longer recording with highly efficient storage space usage
- Easy mobile access to livestream and memory with smartphone/tablet via ABUS Link Station app incl. push message in case of motion alarm (without having to make settings at the router); info/images optionally also via e-mail/FTP

## Technical data - ABUS IP video surveillance 2MPx Wi-Fi PTZ dome camera

Alarming	Email, ABUS Link Station Push
Aperture	F1.5 – F2.7
Audio bitrate	64 kbps (G.711), 16 kbps (G.722.1 / G.726), 32-192 kbps (MP2L2), 32 kbps (PCM), 16-64 kbps (AAC)
Audio compression	G.711, G.722.1, G.726, MP2L2, PCM, AAC
Audio input	Yes
Audio output	Yes
Automatic aperture control	Yes
Base event	Motion detection
Channel width	20 MHz
Colour	White
Compatible mounts	TVAC31530
Compatible with	TVVR36xxx / TVVR33xxx / NVRxxxxxx
Compatible with Secvest	No
Compatible with Smartvest	No
Compatible with wAppLoxx	No
DC voltage supply	12 V
Day/night switching	Auto / Manual / Schedule
Design	Controllable dome
Dimensions	(Ø x H) 130,7 x 101,7 mm
Dynamic range (WDR)	120 dB

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## Technical data - ABUS IP video surveillance 2MPx Wi-Fi PTZ dome camera

Encryption	64/128-bit WEP / WPA/WPA2 / WPA-PSK/WPA2-PSK / WPS
Focal length	2,8 – 12 mm
Frequency range	2,4 – 2,4835 GHz
Gross weight	0,85 kg
Horizontal viewing angle	33 – 101 °
Housing material	Metal / Plastic
IP protection class	66
IR LEDs	Yes
IR range (up to)	20 m
IR swivel filter	Yes
Image enhancement	BLC / WDR / HLC / ROI
Image sensor	1/2.8" Progressive Scan CMOS
Image settings	Brightness / Contrast / Saturation / Sharpness / Mirroring
Loudspeaker	No
Max. humidity	95 %
Max. operating temperature	60 °C
Max. resolution @ frame rate	1920 x 1080 @ 30 fps
Microphone	Yes
Min. operating temperature	-30 °C
Minimum illumination (IR)	0 lx
Minimum illumination (colour)	0,005 lx
Net weight	0,55 kg
Network access	RJ-45 10/100 Mbit/s
Network protocols	TCP, UDP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, QoS, SNMP, UPnP, SMTP, IPv6, ABUS Server
Noise reduction	3D DNR
Number of presets	300
Number of users	32
OSD language	DE / UK / FR / NL / DK / IT
Optical Wave Length	850 nm
PSTI conformity given	Yes
PSTI conformity required	Yes
Pan speed	100° / s
Pan/tilt range	0° - 355°
PoE standard	802.3af
Power consumption	11,2 W
Pre/post alarm memory	Yes / Yes
Private zones	24

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## Technical data - ABUS IP video surveillance 2MPx Wi-Fi PTZ dome camera

Protection class IK	10
Recording modes	Manual / time schedule / motion detection / event
Resolution	2 MP
Resolution modes	1920 x 1080 / 1280 x 960 / 1280 x 720 @ 30 fps
Sensitivity	11b: -90dBm / 11g: -75dBm / 11n: -74dBm
Shutter speed	1s – 1/30,000s
Software	ABUS Link Station (iOS & Android) / IP Installer
Storage medium	MicroSD (max. 256 GB, optional)
Supported browsers	IE11, MS Edge, Chrome, Firefox
Technology	Network
Tilt speed	100° / s
Transmission power	11b: 17 +/- 1,5dBm / 11g: 14 +/- 1,5dBm / 11n: 12,5 +/- 1,5dBm
User levels	3
Vertical viewing angle	18 – 53 °
Video Content Analysis (VCA)	Intrusion Detection, Tripwire, Region enter, Region exit, Unattended baggage, Object removal, Audio exception detection
Video compression	H.265 Plus / H.265 / H.264 Plus / H.264 / MJPEG
WLAN network access	IEEE 802.11 b/g/n
White balance	Auto white balance (AWB) / incandescent lamp / warm light / natural light / fluorescent lamp
Wireless range	(Depending on installation) 20 - 50 m