

# ABUS Wireless Pan/Tilt Outdoor Camera

Art.-Nr. PPIC42520B

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Keeping an eye on everything important  
And you decide what's important...

With some other cameras, they constantly report alarms, but without any real reason for it. At some point you stop reacting at all. You don't want a motion alarm on your mobile phone because of branches swaying in the wind or the harmless neighbour's cat, but you do if someone is in your garden at night?

The ABUS Wi-Fi pan/tilt outdoor camera does it right: It differentiates between people, animals and vehicles completely automatically. You decide what is important to you and only then will you receive a push message via the App2Cam Plus mobile app. This saves time and spares worry.

By the way, all features are permanently available to you free of charge with the app: for example, hiding private and public areas and turning the camera very quickly to a specific position. Same for access on the go and the intercom function so that you can talk to parcel carriers contact-free, for example. The camera is immediately ready to record with the microSD memory card included and the app even shows what happened 3 seconds before motion was detected.

The surveillance camera delivers brilliant image quality day and night. It is completely weatherproof and optimal for outdoors. With it, you fulfil all the requirements of data protection law. It is compatible with the Smartvest wireless alarm system. And after a super simple start-up with help from the app assistant, it's ready to use immediately.

## Technologies

- Pan/tilt surveillance camera with Wi-Fi, intelligent motion detection, push notifications for movement alarms and

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free storage and access to all App2Cam Plus functions via mobile phone and tablet app

- Immediately ready to use thanks to super simple start-up (with app assistant in just a few minutes, incl. Bluetooth pairing between camera & smartphone) and integrated microSD memory card
- Free access to live stream, memory and all functions via App2Cam Plus (motion detector, pan and tilt, digital zooming, 2-way audio through loudspeaker and microphone etc.)
- Can be placed/mounted almost anywhere outside thanks to high Wi-Fi stability, range and security (high-grade dual Wi-Fi chip for 2.4 GHz & 5 GHz, incl. encryption); completely black design (ideal e.g. for brick façades)
- Full recordings using pre-recording and automatically starting recording (with the intelligent memory function, recordings start up to 3 seconds even before motion detection)
- Fully automatic detection and differentiation of objects (person, animal, vehicle), ignores disturbances (branches, light) and semi-automatic quick-turn in the app to 3 preset positions
- Hide private zones (e.g. public properties), mark important zones with intelligent motion detection (“Region of Interest”, or ROI for short) and areas without detection (“Region of Non-Interest”, or RONI for short) in the app
- Data protection-compliant recording (according to the General Data Protection Regulation, GDPR for short: Disable audio for recordings and automatically delete video data after 3, 7 or 30 days with ring memory function)
- Full HD resolution, clear night vision up to 20 m and protection class IP66 (weatherproof)
- All-inclusive: All functions and over-the-air updates always free

## Technical data - ABUS Wireless Pan/Tilt Outdoor Camera

Alarming	Push notification / E-Mail
Aperture	F2.0
Audio bitrate	16 Kbit/s
Audio compression	AAC
Audio input	Microphone
Audio output	Loudspeaker
Automatic aperture control	Yes
Base event	Hardware object detection + motion mask
Channel width	20 MHz
Colour	Black
Compatibility	Smartvest wireless system
Compatible with	Smartvest Funk-System
Compatible with Secvest	No
Compatible with Smartvest	Yes
Compatible with wAppLoxx	No
DC voltage supply	5 V
Day/night switching	Auto
Dimensions	210 x 120 x 160 mm
Encryption	AES 128bit, WPA/WPA2-PSK
Focal length	4,1 mm

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## Technical data - ABUS Wireless Pan/Tilt Outdoor Camera

Frequency range	2,400 –2,485 / 5,0 GHz
Functions	2-way audio, Night vision, People recognition, Pan-tilt, Animal recognition, Zoom
Horizontal viewing angle	82 °
Housing material	Plastic
IP protection class	66
IR LEDs	Yes
IR range (up to)	20 m
IR swivel filter	Yes
Image sensor	1/2.8" CMOS
Loudspeaker	Yes
Max. humidity	90 %
Max. operating temperature	50 °C
Max. resolution @ frame rate	Full HD (1080p) @ 15fps
Microphone	Yes
Min. humidity	20
Min. operating temperature	-10 °C
Minimum illumination (IR)	0 lx
Minimum illumination (colour)	1 lx
Network access	RJ-45 connector (10/100 Mbps)
Network protocols	TCP/IP, UDP, SMTP, NTP, DHCP, ARP
Number of presets	3
Number of users	3
Optical Wave Length	940 nm
Pan/tilt range	270° Horizontal / 90° Vertical
Plug type	DC-plug: 3,5 x 1,35 mm
Power consumption	4 W
Power supply	Power adapter
Pre/post alarm memory	up to 3 sec.
Private zones	40x24 grid (static)
Recording modes	Manuell / Bewegungserkennung
Resolution modes	Full HD (1080p) / VGA (480p)
Sensitivity	-90 dBm
Simultaneous network access	3
Software	App: ABUS App2Cam Plus (Android/iOS)
Storage medium	Micro-SD (up to 128GB)
Technology	Network
Transmission power	11b: 17 +/- 1,5dBm / 11g: 14 +/- 1,5dBm / 11n: 12,5 +/- 1,5dBm
Vertical viewing angle	43 °

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## Technical data - ABUS Wireless Pan/Tilt Outdoor Camera

Video Content Analysis (VCA)	Human / Animal / Vehicle Detection
Video compression	H.264
WLAN network access	IEEE 802.11 b/g/n/ac
White balance	AWB
Wireless range	10-30 metre, depending on local conditions m