

ABUS WiFi Pan Tilt Outdoor Camera

Art. no. PPIC42520 Page 1 of 3



- Pan-tilt surveillance camera with WiFi, intelligent motion detection, motion alert push notifications, and free storage and access to all features via mobile and tablet app App2Cam Plus
- Immediately ready to use thanks to super simple start-up (with app wizard in just a few minutes, incl.
 Bluetooth pairing between camera & smartphone) and integrated microSD memory card (8 GB included, 128 GB possible)
- Free access to live stream, memory and all functions via App2Cam Plus (motion detector, pan & tilt, digital zoom, 2-way audio through speaker & microphone etc.)
- Can be placed/mounted very flexibly outdoors thanks to high WiFi stability, range, and security (high-quality dual WLAN chip for 2.4 GHz & 5 GHz, incl. encryption)
- Complete recording by means of pre-recording and automatic recording (due to the intelligent memory function, recordings start up to 3 seconds before a motion detection)
- Fully automatic detection and differentiation of objects (human, animal, vehicle), ignores disturbances (branches, light) as well as semi-automatic quick turning via app to 3 definable positions (English preset)
- Hide private zones (e.g. public properties), mark important zones with sensitive motion detection (region of Interest, ROI) and areas without detection (region of non-interest, RONI) via app
- Data protection-compliant recording (according to the General Data Protection Regulation, GDPR for short: Disables audio for recordings and with ring buffer function, automatically deletes the video data after 3, 7, or 30 days)
- Full HD resolution, clear night vision up to 20 m and IP66 protection class (weatherproof)
- · All-inclusive: All features and over-the-air updates permanently free of charge

Everything important at a glanceAnd you decide what's important. With other cameras, the case is sometimes that they constantly report alarms, but without any real reason for it. At some point, you stop responding entirely. You don't want a motion alert on your phone for branches swaying in the wind or the neighbor's harmless cat, but you do want to know if a person is in your yard at night?

The ABUS WiFi Pan Tilt Outdoor Camera does it right: It distinguishes between people, animals and vehicles completely automatically. You decide what is important to you and only then will you receive a push notification via the mobile app App2Cam Plus. This saves time and worry. By the way, all functions are permanently available



ABUS WiFi Pan Tilt Outdoor Camera

Art. no. PPIC42520 Page 2 of 3

to you free of charge with the app: for example, to hide private and public areas as well as to rotate the camera very quickly to a specific position. The same applies to access while on the go and the intercom function for contactless communication with package deliverers, for example. With the included microSD memory card, the camera is ready to record immediately and the app even shows what happened 3 seconds before motion was detected.

The surveillance camera provides brilliant image quality day and night. It is completely weatherproof and ideal for outdoors. It meets all the requirements of data protection law. It is compatible with the Smartvest wireless alarm system. And after a super simple start-up with the help of the app wizard, ready for use immediately.



ABUS WiFi Pan Tilt Outdoor Camera

Art. no. PPIC42520 Page 3 of 3

Technical Data:

Technical Data:	
Audio compression	AAC
Audio bitrate	16 Kbit/s
Channel width	20 MHz
Video Content Analysis	Human / Animal / Vehicle
(VCA)	Detection
Technology	Network
Compatible with Secvest	No
Compatible with wAppLoxx	No
Compatible with Smartvest	Yes
Vertical angle of view	43 °
Min. humidity	20
Automatic shutter	Yes
Basic event	Hardware object detection
	+ motion mask
Dimensions	210 x 120 x 160 mm
Alarming	Push notification / E-Mail
Number of users	3
Number of presets	3
Audio output	Loudspeaker
Audio input	Microphone
Resolution modes	Full HD (1080p) / VGA
	(480p)
Recording modes	Manuell /
	Bewegungserkennung
Image sensor	1/2.8" CMOS
Aperture	F2.0
Focal length	4,1 mm
Frequency range	2,400 -2,485 / 5,0 GHz
Wireless range	10-30 metre, depending on
	local conditions m
Housing material	Plastic
Simultaneous network	3
access	
Horizontal angle of view	82 °
IR LEDs	Yes
IR range (up to)	20 m
IR cut filter	Yes
Compatible with	Smartvest Funk-System
Loudspeaker	Yes

Max. resolution @ frame rate Max. operating temperature Max. humidity Microphone Min. operating temperature Minimum illumination (color) Minimum illumination (IR) Mix Micro-SMTP, NTP, MTP, MTP, MTP, MTP, MTP, MTP, MTP, M	Power consumption	4 W
max. operating temperature Max. humidity 90 % Microphone Yes Min. operating temperature Minimum illumination (color) Minimum illumination (IR) Metwork protocols Minimum illumination (IR) Metwork access RJ-45 connector (10/100 Mbps) Wi-Fi network access IEEE 802.11 b/g/n/ac Optical wavelength Private zones 40x24 grid (static) IP protection class 66 Pan/tilt area 270° Horizontal / 90° Vertical Transmission power 11b: 17 +/- 1,5dBm / 11g: 14 +/- 1,5dBm / 11n: 12,5 +/- 1,5dBm Sensitivity -90 dBm Sensitivity -90 dBm Software App: ABUS App2Cam Plus (Android/i0S) DC voltage supply 5 V Storage medium Micro-SD (128GB) Connector type Day/night switching Auto Encryption AES 128bit, WPA/WPA2-PSK Wideo compression H.264 Pre-alarm/post-alarm memory		
temperature Max. humidity Microphone Min. operating -10 °C temperature Minimum illumination (color) Minimum illumination (IR) Network protocols Minimum illumination Minimum illumination (IR) Metwork access RJ-45 connector (10/100 Mbps) Wi-Fi network access IEEE 802.11 b/g/n/ac Optical wavelength Private zones IP protection class 66 Pan/tilt area 270° Horizontal / 90° Vertical Transmission power 11b: 17 +/- 1,5dBm / 11g: 14 +/- 1,5dBm / 11n: 12,5 +/- 1,5dBm Sensitivity Software App: ABUS App2Cam Plus (Android/iOS) DC voltage supply 5 V Storage medium Micro-SD (128GB) Connector type DC-plug: 3,5 x 1,35 mm Auto Encryption AES 128bit, WPA/WPA2-PSK Video compression H.264 Pre-alarm/post-alarm memory		Тин нь (1000р) (ш 151рз
Max. humidity Microphone Min. operating -10 °C temperature Minimum illumination (color) Minimum illumination (IR) Network protocols TCP/IP, UDP, SMTP, NTP, DHCP, ARP Network access RJ-45 connector (10/100 Mbps) Wi-Fi network access Optical wavelength Private zones IP protection class Pan/tilt area 270° Horizontal / 90° Vertical Transmission power 11b: 17 +/- 1,5dBm / 11g: 14 +/- 1,5dBm / 11n: 12,5 +/- 1,5dBm Sensitivity Software App: ABUS App2Cam Plus (Android/iOS) DC voltage supply Storage medium Connector type Day/night switching Encryption Video compression Micro-SD (128GB) DC-plug: 3,5 x 1,35 mm Auto Encryption AES 128bit, WPA/WPA2-PSK Video compression H.264 Pre-alarm/post-alarm memory	Max. operating	50 °C
Microphone Yes Min. operating -10 °C temperature Minimum illumination (color) Minimum illumination (IR) 0 Ix Network protocols Minimum illumination (IR) 0 Ix Network access RJ-45 connector (10/100 Mbps) Wi-Fi network access Optical wavelength 940 nm Private zones 40x24 grid (static) IP protection class 66 Pan/tilt area 270° Horizontal / 90° Vertical Transmission power 11b: 17 +/- 1,5dBm / 11g: 14 +/- 1,5dBm / 11n: 12,5 +/- 1,5dBm Sensitivity -90 dBm Sensitivity -90 dBm Software App: ABUS App2Cam Plus (Android/iOS) DC voltage supply 5 V Storage medium Micro-SD (128GB) Connector type DC-plug: 3,5 x 1,35 mm Day/night switching Auto Encryption AES 128bit, WPA/WPA2-PSK Video compression H.264 Pre-alarm/post-alarm up to 3 sec.	temperature	
Min. operating temperature Minimum illumination (color) Minimum illumination (IR) Metwork protocols Minimum illumination (IR) Network protocols TCP/IP, UDP, SMTP, NTP, DHCP, ARP Network access RJ-45 connector (10/100 Mbps) Wi-Fi network access IEEE 802.11 b/g/n/ac Optical wavelength Private zones 40x24 grid (static) IP protection class 66 Pan/tilt area 270° Horizontal / 90° Vertical Transmission power 11b: 17 +/- 1,5dBm / 11n: 12,5 +/- 1,5dBm Sensitivity -90 dBm Sensitivity -90 dBm Software App: ABUS App2Cam Plus (Android/i0S) DC voltage supply 5 V Storage medium Micro-SD (128GB) Connector type DC-plug: 3,5 x 1,35 mm Day/night switching Encryption AES 128bit, WPA/WPA2-PSK Video compression H.264 Pre-alarm/post-alarm memory	Max. humidity	90 %
temperature Minimum illumination (color) Minimum illumination (IR) 0 Ix Network protocols TCP/IP, UDP, SMTP, NTP, DHCP, ARP Network access RJ-45 connector (10/100 Mbps) Wi-Fi network access Optical wavelength Private zones IEEE 802.11 b/g/n/ac Optical wavelength Private zones 40x24 grid (static) IP protection class 66 Pan/tilt area 270° Horizontal / 90° Vertical Transmission power 11b: 17 +/- 1,5dBm / 11p: 14 +/- 1,5dBm / 11n: 12,5 +/- 1,5dBm Sensitivity -90 dBm Sensitivity -90 dBm Software App: ABUS App2Cam Plus (Android/iOS) DC voltage supply 5 V Storage medium Micro-SD (128GB) Connector type DC-plug: 3,5 x 1,35 mm Auto Encryption AES 128bit, WPA/WPA2-PSK Video compression H.264 Pre-alarm/post-alarm memory	Microphone	Yes
Minimum illumination (color) Minimum illumination (IR) 0 Ix Network protocols TCP/IP, UDP, SMTP, NTP, DHCP, ARP Network access RJ-45 connector (10/100 Mbps) Wi-Fi network access Optical wavelength Private zones 40x24 grid (static) IP protection class 66 Pan/tilt area 270° Horizontal / 90° Vertical Transmission power 11b: 17 +/- 1,5dBm / 11g: 14 +/- 1,5dBm / 11n: 12,5 +/- 1,5dBm Sensitivity -90 dBm Sensitivity -90 dBm Software App: ABUS App2Cam Plus (Android/iOS) DC voltage supply 5 V Storage medium Micro-SD (128GB) Connector type Day/night switching Encryption AES 128bit, WPA/WPA2-PSK Video compression Pre-alarm/post-alarm memory	Min. operating	-10 °C
Minimum illumination (IR) 0 Ix Network protocols TCP/IP, UDP, SMTP, NTP, DHCP, ARP Network access RJ-45 connector (10/100 Mbps) Wi-Fi network access Optical wavelength Private zones IEEE 802.11 b/g/n/ac Optical wavelength Private zones 40x24 grid (static) IP protection class 66 Pan/tilt area 270° Horizontal / 90° Vertical Transmission power 11b: 17 +/- 1,5dBm / 11n: 12,5 +/- 1,5dBm Sensitivity -90 dBm Sensitivity -90 dBm Software App: ABUS App2Cam Plus (Android/i0S) DC voltage supply 5 V Storage medium Micro-SD (128GB) Connector type Day/night switching Encryption AES 128bit, WPA/WPA2-PSK Video compression H.264 Pre-alarm/post-alarm memory	temperature	
Minimum illumination (IR) 0 Ix Network protocols TCP/IP, UDP, SMTP, NTP, DHCP, ARP Network access RJ-45 connector (10/100 Mbps) Wi-Fi network access Optical wavelength Private zones 40x24 grid (static) IP protection class 66 Pan/tilt area 270° Horizontal / 90° Vertical Transmission power 11b: 17 +/- 1,5dBm / 11g: 14 +/- 1,5dBm / 11n: 12,5 +/- 1,5dBm Sensitivity Sensitivity -90 dBm Sensitivity -90 dBm Sensitivity -90 dBm Software App: ABUS App2Cam Plus (Android/i0S) DC voltage supply 5 V Storage medium Micro-SD (128GB) Connector type Day/night switching Encryption AES 128bit, WPA/WPA2-PSK Video compression H.264 Pre-alarm/post-alarm memory	Minimum illumination	1 lx
Network protocols TCP/IP, UDP, SMTP, NTP, DHCP, ARP Network access RJ-45 connector (10/100 Mbps) Wi-Fi network access Optical wavelength Private zones IEEE 802.11 b/g/n/ac 940 nm Private zones 40x24 grid (static) IP protection class Pan/tilt area 270° Horizontal / 90° Vertical Transmission power 11b: 17 +/- 1,5dBm / 11g: 14 +/- 1,5dBm / 11n: 12,5 +/- 1,5dBm Sensitivity -90 dBm Sensitivity -90 dBm Sensitivity -90 dBm App: ABUS App2Cam Plus (Android/i0S) DC voltage supply 5 V Storage medium Micro-SD (128GB) Connector type Dc-plug: 3,5 x 1,35 mm Auto Encryption AES 128bit, WPA/WPA2-PSK Video compression H.264 Pre-alarm/post-alarm memory	(color)	
Network access RJ-45 connector (10/100 Mbps) Wi-Fi network access Optical wavelength Private zones IP protection class Pan/tilt area 270° Horizontal / 90° Vertical Transmission power 11b: 17 +/- 1,5dBm / 11g: 14 +/- 1,5dBm / 11n: 12,5 +/- 1,5dBm Sensitivity Sensitivity Software App: ABUS App2Cam Plus (Android/i0S) DC voltage supply Storage medium Connector type Day/night switching Encryption Video compression Pre-alarm/post-alarm memory Micro-SD (128GB) Location (10/100) Mbps) IEEE 802.11 b/g/n/ac Pag/night satic) IEEE 802.11 b/g/n/ac Aux24 grid (static) If you horizontal / 90° Vertical 11b: 17 +/- 1,5dBm / 11g: 14 +/- 1,5dBm Alto Congression App: ABUS App2Cam Plus (Android/i0S) DC-plug: 3,5 x 1,35 mm Auto Auto Auto H.264 Up to 3 sec.	Minimum illumination (IR)	0 lx
Network access RJ-45 connector (10/100 Mbps) Wi-Fi network access Optical wavelength Private zones IP protection class Pan/tilt area 270° Horizontal / 90° Vertical Transmission power 11b: 17 +/- 1,5dBm / 11g: 14 +/- 1,5dBm / 11n: 12,5 +/- 1,5dBm Sensitivity Software App: ABUS App2Cam Plus (Android/i0S) DC voltage supply Storage medium Connector type Day/night switching Encryption Video compression Micro-SD (128GB) DC-plug: 3,5 x 1,35 mm Auto Encryption AES 128bit, WPA/WPA2-PSK H.264 Pre-alarm/post-alarm memory	Network protocols	TCP/IP, UDP, SMTP, NTP,
Mbps) Wi-Fi network access IEEE 802.11 b/g/n/ac Optical wavelength Private zones IP protection class Pan/tilt area 270° Horizontal / 90° Vertical Transmission power 11b: 17 +/- 1,5dBm / 11g: 14 +/- 1,5dBm / 11n: 12,5 +/- 1,5dBm Sensitivity Software App: ABUS App2Cam Plus (Android/i0S) DC voltage supply Storage medium Connector type Day/night switching Encryption Video compression Pre-alarm/post-alarm memory Mox24 grid (static) 40x24 grid (sta		DHCP, ARP
Wi-Fi network access Optical wavelength Private zones 40x24 grid (static) IP protection class 66 Pan/tilt area 270° Horizontal / 90° Vertical Transmission power 11b: 17 +/- 1,5dBm / 11g: 14 +/- 1,5dBm -90 dBm Sensitivity -90 dBm Sensitivity -90 dBm Software App: ABUS App2Cam Plus (Android/i0S) DC voltage supply 5 V Storage medium Connector type Day/night switching Encryption Video compression Pre-alarm/post-alarm memory IEEE 802.11 b/g/n/ac 940 nm 40x24 grid (static) 66 270° Horizontal / 90° Vertical 11b: 17 +/- 1,5dBm / 11g: 14 +/- 1,5dBm / 10n: 12,5 +/- 1,5dBm I consider the provided in the provi	Network access	RJ-45 connector (10/100
Optical wavelength Private zones 40x24 grid (static) IP protection class 66 Pan/tilt area 270° Horizontal / 90° Vertical Transmission power 11b: 17 +/- 1,5dBm / 11g: 14 +/- 1,5dBm Sensitivity -90 dBm Sensitivity -90 dBm Software App: ABUS App2Cam Plus (Android/i0S) DC voltage supply 5 V Storage medium Connector type Day/night switching Encryption AES 128bit, WPA/WPA2-PSK Video compression H.264 Pre-alarm/post-alarm memory		Mbps)
Private zones IP protection class Pan/tilt area 270° Horizontal / 90° Vertical Transmission power 11b: 17 +/- 1,5dBm / 11g: 14 +/- 1,5dBm Sensitivity -90 dBm Sensitivity Software App: ABUS App2Cam Plus (Android/i0S) DC voltage supply Storage medium Connector type Day/night switching Encryption AES 128bit, WPA/WPA2-PSK Wideo compression H.264 Pre-alarm/post-alarm memory	Wi-Fi network access	IEEE 802.11 b/g/n/ac
IP protection class Pan/tilt area 270° Horizontal / 90° Vertical Transmission power 11b: 17 +/- 1,5dBm / 11g: 14 +/- 1,5dBm Sensitivity -90 dBm Sensitivity -90 dBm App: ABUS App2Cam Plus (Android/i0S) DC voltage supply 5 V Storage medium Micro-SD (128GB) Connector type Day/night switching Encryption AES 128bit, WPA/WPA2-PSK Video compression H.264 Pre-alarm/post-alarm memory	Optical wavelength	940 nm
Pan/tilt area 270° Horizontal / 90° Vertical Transmission power 11b: 17 +/- 1,5dBm / 11g: 14 +/- 1,5dBm Sensitivity -90 dBm Software App: ABUS App2Cam Plus (Android/i0S) DC voltage supply 5 V Storage medium Micro-SD (128GB) Connector type Day/night switching Encryption AES 128bit, WPA/WPA2-PSK Video compression H.264 Pre-alarm/post-alarm memory	Private zones	40x24 grid (static)
Transmission power 11b: 17 +/- 1,5dBm / 11g: 14 +/- 1,5dBm Sensitivity -90 dBm Sensitivity App: ABUS App2Cam Plus (Android/i0S) DC voltage supply Storage medium Connector type Day/night switching Encryption Video compression Pre-alarm/post-alarm memory Micro-SD (128GB) Auto Auto H.264 Up to 3 sec.	IP protection class	66
Transmission power 11b: 17 +/- 1,5dBm / 11g: 14 +/- 1,5dBm / 11n: 12,5 +/- 1,5dBm Sensitivity -90 dBm Software App: ABUS App2Cam Plus (Android/i0S) DC voltage supply 5 V Storage medium Micro-SD (128GB) Connector type DC-plug: 3,5 x 1,35 mm Auto Encryption AES 128bit, WPA/WPA2-PSK Video compression H.264 Pre-alarm/post-alarm memory	Pan/tilt area	270° Horizontal / 90°
+/- 1,5dBm / 11n: 12,5 +/- 1,5dBm Sensitivity -90 dBm Software App: ABUS App2Cam Plus (Android/iOS) DC voltage supply 5 V Storage medium Micro-SD (128GB) Connector type DC-plug: 3,5 x 1,35 mm Day/night switching Auto Encryption AES 128bit, WPA/WPA2-PSK Video compression H.264 Pre-alarm/post-alarm up to 3 sec. memory		Vertical
1,5dBm -90 dBm Sensitivity -90 dBm App: ABUS App2Cam Plus (Android/iOS) DC voltage supply 5 V Storage medium Micro-SD (128GB) Connector type DC-plug: 3,5 x 1,35 mm Auto Encryption AES 128bit, WPA/WPA2-PSK Video compression H.264 Pre-alarm/post-alarm up to 3 sec. memory	Transmission power	11b: 17 +/- 1,5dBm / 11g: 14
Sensitivity -90 dBm App: ABUS App2Cam Plus (Android/iOS) DC voltage supply Storage medium Connector type Day/night switching Encryption Video compression Pre-alarm/post-alarm memory -90 dBm App: ABUS App2Cam Plus (Android/iOS) 5 V Micro-SD (128GB) DC-plug: 3,5 x 1,35 mm Auto AES 128bit, WPA/WPA2-PSK H.264 up to 3 sec.		+/- 1,5dBm / 11n: 12,5 +/-
Software App: ABUS App2Cam Plus (Android/iOS) DC voltage supply 5 V Storage medium Micro-SD (128GB) Connector type DC-plug: 3,5 x 1,35 mm Auto Encryption AES 128bit, WPA/WPA2-PSK Video compression H.264 Pre-alarm/post-alarm up to 3 sec. memory		1,5dBm
(Android/iOS) DC voltage supply Storage medium Connector type Day/night switching Encryption Video compression Pre-alarm/post-alarm memory Micro-SD (128GB) DC-plug: 3,5 x 1,35 mm Auto Auto AES 128bit, WPA/WPA2-PSK H.264 up to 3 sec.	Sensitivity	-90 dBm
DC voltage supply Storage medium Connector type Day/night switching Encryption Video compression Pre-alarm/post-alarm memory 5 V Micro-SD (128GB) DC-plug: 3,5 x 1,35 mm Auto AES 128bit, WPA/WPA2-PSK H.264 up to 3 sec.	Software	App: ABUS App2Cam Plus
Storage medium Connector type Day/night switching Encryption Video compression Pre-alarm/post-alarm memory Micro-SD (128GB) DC-plug: 3,5 x 1,35 mm Auto Auto AES 128bit, WPA/WPA2-PSK H.264 up to 3 sec.		(Android/iOS)
Connector type DC-plug: 3,5 x 1,35 mm Day/night switching Auto Encryption AES 128bit, WPA/WPA2-PSK Video compression H.264 Pre-alarm/post-alarm up to 3 sec. memory	DC voltage supply	5 V
Day/night switching Encryption AES 128bit, WPA/WPA2-PSK Video compression H.264 Pre-alarm/post-alarm memory up to 3 sec.	Storage medium	Micro-SD (128GB)
Encryption AES 128bit, WPA/WPA2-PSK Video compression H.264 Pre-alarm/post-alarm memory AES 128bit, WPA/WPA2-PSK up to 3 sec.	Connector type	DC-plug: 3,5 x 1,35 mm
Video compression H.264 Pre-alarm/post-alarm up to 3 sec. memory	Day/night switching	Auto
Pre-alarm/post-alarm up to 3 sec. memory	Encryption	AES 128bit, WPA/WPA2-PSK
memory	Video compression	H.264
	Pre-alarm/post-alarm	up to 3 sec.
White balance AWB	memory	
	White balance	AWB