

# ABUS Smart Security World WiFi Video Door Intercom

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Keep an eye on your front door - two way communication and door opener control via app

The ABUS Smart Security World Video Door Intercom System enables two-way communication and electronic door opener control via app. The integrated video camera has full HD 1080p resolution and an infrared night vision function, ensuring brilliant image quality and a full overview at all times. The white light LED ring improves vision at night and acts as a status display at the same time. The integrated two-way talkback function enables communication via app. The protection class IP54 video door intercom system is suitable for outdoor use. You can use the existing cabling for your doorbell or door opener, thus avoiding the need for costly and time-consuming rewiring.

Event notification and mobile access

Operation of and access to this app intercom unit are exclusively via the app - with no PC, web browser or additional software. The compressed data transmission means hardly any burden is placed on the network. You are informed of any activity or visitors at your door by ringtone, push notification or email, and can see people or communicate with them via your app. With the app, you always have access to the image material.

Smart Security World Ready

The ABUS Smart Security World Wi-Fi Video Door Intercom System is part of the Smart Security World and, as such, is not only functional, but is also fully integrated into the app. This means there are no concessions in terms of

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convenience during installation, and users simply follow the intuitive step-by-step installation instructions.

Information on the night vision function

The effective IR range will depend on the installation location.

## Technologies

- Video intercom system with various connection options (e. g. wiring to existing doorbell)
- Full HD 1080p resolution and infrared night vision function for brilliant image quality
- Uses existing cables (doorbell, door opener)
- Manually adjustable lens allows for optimal alignment on the visitor
- Sturdy weatherproof camera housing (IP54)
- Integrated microphone and loudspeaker for two-way communication via the app
- Guided step-by-step installation via the app (iOS, Android)
- Direct notification via email and push service as well as automatic recording when motion detection is set up
- Recording to SD card with up to 128 GB (accessory)
- Low network load thanks to high data compression (H.264 High Profile compression)

## Technical data - ABUS Smart Security World WiFi Video Door Intercom

AC voltage supply	24-36 V
Alarming	Push notification / E-Mail
Audio bitrate	16 Kbit/s
Base event	Software + Motion Mask
Channel width	20 MHz
Colour	White
Compatibility	Smartvest wireless system
Compatible with	Smartvest / SmartFriendsBox
Compatible with Secvest	No
Compatible with Smartvest	Yes
Compatible with wAppLoxx	No
DC voltage supply	12-48 V
Day/night switching	Auto
Dimensions	(B x L x H) 81,5 x 45,6 x 142 mm
Dynamic range (WDR)	90 dB
Encryption	AES 128bit, WPA/WPA2-PSK
Focal length	4 mm
Frequency range	2,400 –2,485 GHz

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## Technical data - ABUS Smart Security World WiFi Video Door Intercom

Functions	2-way audio, Night vision, Zoom
Gross weight	0,68 kg
Horizontal viewing angle	100 °
Housing material	Plastic
IP protection class	54
IR LEDs	Yes
IR range (up to)	1,5 m
IR swivel filter	Yes
Image sensor	1/2,9" CMOS
Loudspeaker	Yes
Max. humidity	90 %
Max. operating temperature	40 °C
Max. resolution @ frame rate	Full HD (1080p) @ 20fps
Microphone	Yes
Min. humidity	20
Min. operating temperature	-10 °C
Minimum illumination (IR)	0 lx
Minimum illumination (colour)	1 lx
Net weight	0,28 kg
Network access	Network terminal block (10/100 Mbit/s)
Network protocols	TCP/IP, UDP, SMTP, NTP, DHCP, ARP
Optical Wave Length	850 nm
Pan/tilt range	Manually adjustable: vertical +/- 7.5%, horizontal +/- 2.5%
Power consumption	5 W
Power supply	Power adapter
Pre/post alarm memory	2 Sec
Recording modes	Manual / motion detection
Relay output	External door bell (NO), door opener (NO)
Resolution modes	Full HD (1080p) / HD (720p) / VGA (480p)
Sensitivity	-90 dBm
Simultaneous network access	3
Software	App: ABUS App2Cam Plus (Android/iOS)
Storage medium	Micro-SD (128GB)
Technology	IP
Transmission power	11b: 17 +/- 1,5dBm / 11g: 14 +/- 1,5dBm / 11n: 12,5 +/- 1,5dBm
Video compression	H.264
WLAN network access	IEEE 802.11 b/g/n
White balance	AWB

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## Technical data - ABUS Smart Security World WiFi Video Door Intercom

White-light LEDs	12
Wireless range	(Depending on installation) 20 - 50 m