

ABUS OneLook Surveillance System

Art. no. PPDF18000

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- Complete set consisting of a full HD 1080p wireless outdoor camera (IP66) and recorder
- Video and audio transmitted via encrypted digital radio
- Outdoor camera with PIR sensor for reliable motion detection
- Full HD 1080p resolution and infrared night vision function for brilliant image quality
- HDMI interface for displaying and configuring using a monitor
- Up to one month of continuous recording with up to 2 TB external hard disk drive (accessory)
- Mobile access via free app
- User-friendly, intuitive setup of remote access to the camera (LAN connection required)
- Can be extended to include up to three wireless cameras (item number: PPDF14520, PPDF14520W)

The ABUS OneLook video surveillance set is a complete set with a full HD 1080p wireless outdoor camera and a recorder for monitoring indoor and outdoor areas, both during the day and at night. Simple, intuitive installation with brilliant image quality.

Secure, wireless transmission via digital radio

All data (video and audio) is transmitted to the recorder wirelessly via encrypted digital radio. This provides a protected transmission path whilst simultaneously avoiding malfunctions and interference. This is primarily reflected in the transmission quality and the good range, meaning it is not necessary to lay cables over long distances. The camera supplied is in protection class IP66, making it suitable for outdoor use; it also provides clear images, even at night, thanks to its integrated infrared LEDs.

You decide how and when images are captured

As soon as the camera detects movement, it sends video and audio signals to the wireless recorder with HDMI interface, where the recording is saved to an SD card (max. 128 GB microSD card; required accessory). However, there is also the option of continuous recording or pre-defining a recording schedule.

Individually extensible

To turn the set into a video surveillance system, up to four cameras (PPDF14520) can be connected to the recorder

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and then displayed in the 4x view.

Mobile access also possible via the app

ABUS' free OneLook app also allows users to access video data from a distance. The app is available from the Apple App Store or from the Google Play Store for iOS and Android.

The effective IR range will depend on the installation location.

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PPDF18000R

Channel width	3 MHz
Color	White
Number of simultaneous accesses	3
Resolution HDMI output	Full HD (1080p)
Technology	Radio
Compatible with Secvest	No
Compatible with wAppLoxx	No
Compatible with Smartvest	No
Dimensions	(W x L x H) 200 x 200 x 50 mm
Alarming	Push notification / Acoustic warning signal
Connections	Power: DC plug / Network: RJ45 socket / 2x USB 2.0 / HDMI 1.2
Views	1, 1+1, 1+3, 2+2
Number of channels	4
Recording resolution @ frame rate per camera	1Ch: Full HD (1080p) @ 30fps / 2Ch: Full HD (1080p) @ 15fps / 3-4Ch: HD (720p) @ 30fps
Resolution modes	Full HD (1080p) / HD (720p)
Recording modes	Manual, schedule, motion detection
Gross weight	2,086 kg
Frequency range	2,403 - 2,478 GHz
Wireless range	(Depending on installation) 20 - 50 m
Housing material	Plastic
Loudspeaker	No (Audio via HDMI)
Power consumption	2 W
Max. operating temperature	40 °C

Microphone	No
Min. operating temperature	0 °C
Modulation	FHSS, GFSK
Monitor type	LCD Touchscreen
Net weight	0,5 kg
Network access	RJ45 10/100Mbps
Network protocols	TCP, UDP, UPNP
Transmission power	20 dBm
Sensitivity	-80 dBm
Software	APP: ABUS OneLook (Android/iOS)
DC voltage supply	12 V
Storage medium	MicroSD (max. 128GB), external USB hard drive (max. 2TB)
OSD language	DE, GB, FR, NL, DK, IT, PL
Connector type	DC-plug: 5,5 x 2,5mm
Transmission channels	26
Encryption	FHSS Hardware-Encryption, AES256
Video compression	H.246

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ABUS OneLook Outdoor Camera /w

Channel width	3 MHz
Color	White
Vertical angle of view	45 °
Basic event	PIR / Software + Motion Mask
Dimensions	(W x L x H) 62 x 155 x 148 mm
Resolution modes	Full HD (1080p) / HD (720p)
Image sensor	1/3" CMOS
Focal length	3,6 mm
Gross weight	0,802 kg
Frequency range	2,403 - 2,478 GHz
Wireless range	(Depending on installation) 20 - 50 m
Housing material	Metal
Horizontal angle of view	90 °
IR LEDs	Yes
IR range (up to)	8 m
IR cut filter	Yes
Compatible with	PPDF16000 / PPDF18000
Power consumption	1,4 W
Max. resolution @ frame rate	Full HD (1080p) @ 20 fps
Max. operating temperature	50 °C

Microphone	Yes
Min. operating temperature	-10 °C
Minimum illumination (color)	2 lx
Minimum illumination (IR)	0 lx
Net weight	0,62 kg
Optical wavelength	850 nm
PIR angle of view	65 °
PIR range	5 m
IP protection class	66
Transmission power	20 dBm
Sensitivity	-80 dBm
DC voltage supply	5 V
Connector type	DC-plug: 3,5 x 1,35mm
Day/night switching	Auto
Encryption	FHSS Hardware-Encryption
Video compression	H.264