

# ABUS 4-channel network video recorder

Art.-Nr. TVVR36301

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NVR with clever design and wide range of functions

At work, in the shop or at home: The recorder is easy to put into operation, can be flexibly positioned and stores data exactly as required.

The network video recorder (NVR) records video data from up to 4 connected IP cameras: Simply integrate a 3.5-inch hard disk (accessory) - and the video images can be stored and displayed in Ultra HD resolution. Also practical: The NVR can be placed wherever it's needed, in a server cabinet or simply next to the monitor from which it is operated. An excellent basis for setting up a compact and professional surveillance system.

Efficient start-up & video surveillance

All functions can be accessed locally and remotely via an established user interface. Clever modes help to search scenes quickly and efficiently. The powerful data compression (H.265 Plus up to 4 times more efficient than H.264) ensures efficient storage utilisation. In this way, depending on the configuration, recording can last for weeks or months - e.g. by manual triggering or motion detection. Even start-up is brief: Connect the NVR to the network and access the user interface from a PC and browser or simply connect it to a separate monitor - after a short time, the first live image from the cameras can be seen. Individual settings can also be made quickly.

Mobile app access

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

## Technologies

- Reliably stores video data from up to 4 IP cameras with 4K resolution (8 MP, Ultra HD); supports simultaneous display of all live images with Full HD resolution (2 MP, 1080p) on one monitor (multi-view)
- Integrate cameras from different manufacturers as needed
- Quickly find the scene you're looking for with clear playback view; stores up to 10 TB on a 3.5" HDD/hard disk (accessory); powerful H.265 Plus video compression for longer recording (depending on camera)
- Lean start-up in just a few minutes using a PC/browser or directly via a monitor and the free ABUS IP Installer software (searches the network for IP addresses of connected devices)
- Established user interface for configuration (motion detection, schedules, etc.); alarm as needed via warning tone on the NVR, (on-screen display/OSD signal), e-mail and/or push notification to the app
- Easy integration into a server rack (standard height 1U) by means of a shelf (accessory); place on a flat surface as required, e.g. near the monitor from which users operate the recorder (quiet operation, without fan)

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- Practical management for multiple recorders on a central PC via free Central Monitoring Station software (ABUS CMS); up to 256 recorders and 1,024 cameras, if needed in a technology mix (IP, analogue HD)
- Easy mobile access to live stream and recordings with smartphone/tablet via ABUS Link Station app

## Technical data - ABUS 4-channel network video recorder

Alarming	Acoustic warning signal, OSD signal, e-mail
Audio input	1x Cinch (2.0Vp-p, 1KΩ)
Audio output	1x Cinch (Line, 1KΩ)
Compatible with ABUS Link Station	Yes
Compatible with Secvest	No
Compatible with Smartvest	No
Compatible with wAppLoxx	No
DC voltage supply	12 V
Dimensions	(W x L x H) 315 x 240 x 48 mm
Gross weight	2,8 kg
Housing	1U Chassis
Housing material	Metal, Plastic
IP video channels	4
Max. humidity	90 %
Max. operating temperature	55 °C
Max. resolution @ frame rate	8MPx @ 25/30fps
Min. operating temperature	-10 °C
Net weight	2,1 kg
Network access	1x RJ-45 10/100/1000 Mbit/s self-adaptive Ethernet interface
Network protocols	TCP/IP, DHCP, DNS, DDNS, NTP, SADP, SMTP, NFS, UPnP™, HTTPS
OSD language	DE, UK, FR, NL, DK, IT, PL, ES, SE
Performance decoding (local live view & playback)	4x 2MPx, 1x 4MPx, 1x 8MPx
Power	18
Recording modes	Manual, time schedule, motion detection, VCA
Recording resolution @ frame rate per camera	8MPx / 6MPx / 5 MPx / 4 MPx / 3 MPx / 2MPx / UXGA / 1MPx / VGA / 4CIF / DCIF / 2QIF / CIF / QCIF @ 25/30fps
Resolution HDMI output	4K (3840 × 2160) / 30Hz, 1920 × 1080p / 60Hz, 1600 × 1200 / 60Hz, 1280 × 1024 / 60Hz, 1280 × 720 / 60Hz, 1024 × 768 / 60Hz; HDMI/VGA simultaneous output
Resolution VGA output	1920 × 1080p / 60Hz, 1600 × 1200 / 60Hz, 1280 × 1024 / 60Hz, 1280 × 720 / 60Hz, 1024 × 768 / 60Hz; HDMI/VGA simultaneous output
Software	ABUS Link Station (iOS & Android) / IP Installer
Storage medium	1x Sata interface (3,5" HDD, max. 10 TB) / NAS

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## Technical data - ABUS 4-channel network video recorder

Supported browsers	IE11, MS Edge, Chrome (Plugin)
Synchronous playback	4
Total network throughput (input/output)	(40 / 80) Mbit/s
USB connection	2x USB 2.0
Video Content Analysis (VCA)	On camera support: Tripwire Detection, Intrusion Detection
Video compression	H.265 / H.265 Plus / H.264 / H.264 Plus / MPEG4