

ABUS 8-channel PoE network video recorder

Art.-Nr. TVVR36802

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NVR with clever design & smart image analysis

At work, in a shop or at home: The recorder is easy to put into operation, can be positioned flexibly & cameras can be supplied with power directly via PoE.

The network video recorder (NVR) can be positioned as required: in a server cabinet or simply next to the monitor from which it is operated. Also practical: The NVR supplies up to 8 IP cameras with power via a network cable (Power over Ethernet, PoE) - which often saves time and money in hard-to-reach installation locations. Ideal for setting up a compact and professional surveillance system. Simply integrate a 3.5-inch hard drive into the NVR (see separate accessories) and video images can be stored and displayed simultaneously in Ultra HD resolution.

Efficient start-up & video surveillance

All functions can be accessed on site or remotely via an established user interface. Clever modes help you to search for scenes quickly and efficiently. The strong data compression (H.265 Plus up to 4 times more efficient than H.264) ensures efficient memory utilisation. Depending on the configuration, recording can be carried out for weeks or months - for example, by manual triggering or intelligent motion detection (person/vehicle). Even start-up is straightforward: - simply connect the NVR to a monitor or access the user interface using a PC and browser - the first live image from the cameras will then appear shortly. Individual settings can also be made quickly.

Mobile app access

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

Technologies

- Stores video data from up to 8 IP cameras with 4K resolution (8 megapixels); up to 16 TB on a 3.5-inch HDD (not included); incl. multi-view, smart image analysis and much more
- Intelligent software with motion detection (person/vehicle object detection); supply cameras with power cost-effectively from the NVR via Power over Ethernet (PoE) and reliably transmit video data using the same cable
- Quickly find the scene you are looking for thanks to the clear playback view; stores up to 10 TB on a 3.5-inch HDD (accessory); powerful H.265 Plus video compression for longer recording (depending on the camera)
- Easy start-up in just a few minutes via PC/browser and free ABUS IP Installer software (searches the network for IP addresses of connected devices); or simply connect the recorder to a monitor using an HDMI cable
- Proven user interface for configuration (motion detection, schedules, etc.); alarm as required via warning tone on

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the NVR, screen display (on-screen display/OSD signal), e-mail and/or push message to the app

- Easy integration into a server cabinet (standard height 1U) using 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)
- Free Central Monitoring Station software (ABUS CMS) for convenient management of multiple recorders on a central PC; up to 256 recorders and 1,024 cameras, if required 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 8-channel PoE network video recorder

Alarm generation	Acoustic warning signal, OSD signal, e-mail, App Push
Article program	Performance
Audio input	1x Cinch (2.0Vp-p, 1KΩ)
Audio output	1x Cinch (Line, 1KΩ)
Battery - quantity	1
Battery type	CR1220
Compatible with ABUS Link Station	Yes
Compatible with Secoris	No
Compatible with Secvest	No
Compatible with Smartvest	No
Compatible with wAppLoxx	No
DC power supply	48 V
Decoding performance (local live view & playback)	VCA/AI in NVR off: max. 32 MPx, VCA/AI via NVR: max. 24 MPx
Depth	240 mm
Dimensions	(W x L x H) 315 x 240 x 48 mm
Gross weight	2.8 kg
Height	48 mm
Housing	1U Chassis
Housing material	Metal, Plastic
Language OSD	DE, UK, FR, NL, DK, IT, PL, ES, SE
Length	240 mm
Max. Air humidity	90 %
Max. Operating temperature	55 °C
Max. Resolution @ frame rate	8MPx @ 25/30fps
Max. number of video feeds	8
Min. operating temperature	-10 °C
Net weight	2.11 kg
Network connection	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, ABUS Server

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PSTI conformity given	Yes
PSTI conformity needed	Yes
PoE Standard	802.3 at (PoE+)
PoE connections	4
PoE power	50 W
Power	93 W
Power consumption	93 W
Power consumption excl. hard disk	83
Product group	Video
Product security update min until	2026-12-31
Recording modes	Manual, time schedule, motion detection, alarm, VCA
Resolution HDMI output	4K (3840 × 2160) / 30Hz, 2560 x 1440 / 60 Hz, 1920 × 1080p / 60Hz, 1600 × 1200 / 60Hz, 1280 × 1024 / 60Hz, 1280 × 720 / 60Hz; HDMI/VGA simultaneous output
Resolution VGA output	1920 × 1080p / 60Hz, 1280 × 1024 / 60Hz, 1280 × 720 / 60Hz; HDMI/VGA simultaneous output
Resolution recording @ frame rate per camera	12 MPx ~ QCIF @ 25/30fps
Software	ABUS Link Station App (iOS & Android) / IP Installer
Storage medium	1x SATA interface (3,5" HDD, max. 16 TB) / NAS
Supported IP cameras	Chrome, Edge, IE11 (Plugin)
Synchronized playback	8
Total network throughput (input/output)	(40 / 80) Mbit/s
USB connection	2x USB 2.0
Video Content Analysis (VCA)	Via NVR: 4 channel motion detection (ABUS IP camera from 2022, 4 MPx, person/vehicle) or 1 channel VCA (4 MPx, intr. det., tripwire, enter region, leave region with person/vehicle) or 1 channel face detection, 1 channel face comparison
Video channels IP	8
Video compression	H.265 / H.265 Plus / H.264 / H.264 Plus
Video motion detector included	Yes
WEEE group	09
width	315 mm