



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 cameras can be directly supplied with power via PoE.

The network video recorder (NVR) can be positioned as needed in a server cabinet or simply next to the monitor from which it is operated. Also practical: The NVR supplies up to 4 IP PoE cameras with power via network cable (Power over Ethernet, PoE) - which often saves costs when installing in hard-to-reach locations. Ideal for setting up a compact and professional surveillance system. Simply integrate a 3.5-inch hard disk into the NVR (accessory) and video images can be stored and displayed in Ultra HD resolution.

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 - 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 appear shortly. 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)
- Power up to 4 IP-PoE cameras cost-effectively via Power over Ethernet (PoE) and reliably transmit video data with the same cable; integrate cameras from different manufacturers as needed
- Quickly find the scene you're looking for with clear playback view; stores up to 16 TB on a 3.5" HDD/hard disk (accessory); powerful H.265 Plus video compression for longer recording (depending on camera)
- Easy set-up in just a few minutes using a 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 with an HDMI cable
- 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

ABUS 4-channel PoE network video recorder



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- 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)
- 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 PoE network video recorder

Alarming	Acoustic warning signal, OSD signal, e-mail, App Push
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 voltage supply	48 V
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
IP video channels	4
Length	240 mm
Max. humidity	90 %
Max. operating temperature	55 °C
Max. resolution @ frame rate	8MPx @ 25/30fps
Min. operating temperature	-10 °C
Net weight	1,1 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, ABUS Server
OSD language	DE, UK, FR, NL, DK, IT, PL, ES, SE
PSTI conformity given	Yes
PSTI conformity required	Yes
Performance decoding (local live view & playback)	VCA/AI in NVR off: max. 32 MPx, VCA/AI via NVR: max. 24 MPx
PoE connections	4

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PoE power	50 W
PoE standard	802.3 at (PoE+)
Power	68
Product security updates at least until	2026-12-31
Recording modes	Manual, time schedule, motion detection, alarm, VCA
Recording resolution @ frame rate per camera	12 MPx ~ QCIF @ 25/30fps
Resolution HDMI output	4K (3840 × 2160) / 30Hz, 2560 × 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
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)
Synchronous playback	4
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 compression	H.265 / H.265 Plus / H.264 / H.264 Plus
Width	315 mm