

ABUS 4-channel PoE network video recorder

Art.-Nr. TVVR36402



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- 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 10 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
 - 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
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NVR with clever design and wide range of functions

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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).

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Alarming	Acoustic warning signal, OSD signal, e-mail, App Push	Max. resolution @ frame rate	8MPx @ 25/30fps
Audio input	1x Cinch (2.0Vp-p, 1KΩ)	Min. operating temperature	-10 °C
Audio output	1x Cinch (Line, 1KΩ)	Net weight	1,1 kg
Battery - quantity	1	Network access	1x RJ-45 10/100/1000 Mbit/s self-adaptive Ethernet Interface
Battery - type	CR1220	Network protocols	TCP/IP, DHCP, DNS, DDNS, NTP, SADP, SMTP, NFS, UPnP™, HTTPS, ABUS Server
Compatible with ABUS Link Station	Yes	OSD language	DE, UK, FR, NL, DK, IT, PL, ES, SE
Compatible with Secoris	No	PSTI conformity given	Yes
Compatible with Secvest	No	PSTI conformity required	Yes
Compatible with Smartvest	No	Performance decoding (local live view & playback)	VCA/AI in NVR off: max. 32 MPx, VCA/AI via NVR: max. 24 MPx
Compatible with wAppLoxx	No	PoE connections	4
DC voltage supply	48 V	PoE power	50 W
Dimensions	(W x L x H) 315 x 240 x 48 mm	PoE standard	802.3 at (PoE+)
Gross weight	2,8 kg	Power	68
Height	48 mm	Product security updates at least until	2026-12-31
Housing	1U Chassis	Recording modes	Manual, time schedule, motion detection, alarm, VCA
Housing material	Metal, Plastic	Recording resolution @ frame rate per camera	12 MPx ~ QCIF @ 25/30fps
IP video channels	4		
Length	240 mm		
Max. humidity	90 %		
Max. operating temperature	55 °C		

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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	Software	ABUS Link Station App (iOS & Android) / IP Installer
Resolution VGA output	1920 × 1080p / 60Hz, 1280 × 1024 / 60Hz, 1280 × 720 / 60Hz; HDMI/VGA simultaneous output	Storage medium	1x SATA interface (3,5" HDD, max. 16 TB) / NAS
Scope of delivery 01 description	4-channel PoE recorder	Supported IP cameras	Chrome, Edge, IE11 (Plugin)
Scope of delivery 01 quantity	1	Synchronous playback	4
Scope of delivery 02 description	Power supply, 48V DC	Total network throughput (input/output)	(40 / 80) Mbit/s
Scope of delivery 02 quantity	1	USB connection	2x USB 2.0
Scope of delivery 03 description	USB mouse	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
Scope of delivery 03 quantity	1	Video compression	H.265 / H.265 Plus / H.264 / H.264 Plus
Scope of delivery 04 description	1m Network cable	Width	315 mm
Scope of delivery 04 quantity	1		
Scope of delivery 05 description	Hard drive cable		
Scope of delivery 05 quantity	2		
Scope of delivery 06 description	Screws for hard drive		
Scope of delivery 06 quantity	4		