

ABUS 4-channel PoE network video recorder

Art.-Nr. TVVR36401

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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 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 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

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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

| | |
|---|--|
| Alarm generation | Acoustic warning signal, OSD signal, e-mail |
| Article program | Performance |
| Audio input | 1x Cinch (2.0Vp-p, 1K Ω) |
| Audio output | 1x Cinch (Line, 1K Ω) |
| Battery - quantity | 1 |
| Compatible with ABUS Link Station | Yes |
| Compatible with Secvest | No |
| Compatible with Smartvest | No |
| Compatible with wAppLoxx | No |
| Construction type of device | Other |
| DC power supply | 48 V |
| Decoding performance (local live view & playback) | 4x 2MPx, 1x 4Mpx, 1x 8MPx |
| 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 |
| Max. Air humidity | 90 % |
| Max. Operating temperature | 55 °C |
| Max. Resolution @ frame rate | 8MPx @ 25/30fps |
| Max. number of video feeds | 4 |
| Min. operating temperature | -10 °C |
| Net weight | 2.01 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 |
| PSTI conformity given | Yes |
| PSTI conformity needed | Yes |
| PoE Standard | 802.3 at (PoE+) |
| PoE connections | 4x RJ-45 10/100 Mbit/s self-adaptive Ethernet interfaces |
| PoE power | 50 W |
| Power | 65 W |

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Technical data - ABUS 4-channel PoE network video recorder

| | |
|--|--|
| Power consumption | 65 W |
| Power consumption excl. hard disk | 10 |
| Product group | Video |
| Recording modes | Manual, time schedule, motion detection, VCA |
| 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 |
| Resolution recording @ frame rate per camera | 8MPx / 6MPx / 5 MPx / 4 MPx / 3 MPx / 2MPx / UXGA / 1MPx / VGA / 4CIF / DCIF / 2QIF / CIF / QCIF @ 25/30fps |
| Software | ABUS Link Station (iOS & Android) / IP Installer |
| Storage medium | 1x Sata interface (3,5" HDD, max. 10 TB) / NAS |
| Supported browsers | IE11, MS Edge, Chrome (Plugin) |
| Synchronized 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 channels IP | 4 |
| Video compression | H.265 / H.265 Plus / H.264 / H.264 Plus / MPEG4 |
| Video motion detector included | Yes |
| WEEE group | 09 |
| width | 315 mm |