

# ABUS 8-channel network video recorder

Art.-Nr. TVVR36702

Seite 1 von 3



## 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 flexibly positioned & stores only recordings of people and/or vehicles as required (intelligent motion detection).

The network video recorder (NVR) records the video data from up to 8 connected IP cameras: Simply integrate a 3.5-inch hard drive (see separate accessories) - and the video images can be stored and displayed simultaneously in Ultra HD resolution. Also practical: the NVR can be positioned as required, in a server cabinet or simply next to the monitor from which it is operated. A very good basis for setting up a compact and professional surveillance system.

## 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 the start-up is straightforward: Connect the NVR to the network and call up the user interface via PC and browser or simply connect it to a separate monitor - the first live image from the cameras can then be seen after a short time. 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); integration of cameras from different manufacturers as required
- Quickly find the scene you are looking for thanks to clear playback view; strong H.265 Plus video compression for longer recording (depending on the camera)
- Straightforward start-up in just a few minutes via PC/browser or directly via monitor and free ABUS IP Installer software (searches the network for IP addresses of connected devices)
- Proven user interface for configuration (motion detection, schedules, etc.); alarm as required via warning tone on

# ABUS 8-channel network video recorder

Art.-Nr. TVVR36702

Seite 2 von 3

- 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 standard shelf; 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 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                                   | 12 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                                        | 2.09 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 |

# ABUS 8-channel network video recorder



Art.-Nr. TVVR36702

Seite 3 von 3

## Technical data - ABUS 8-channel network video recorder

|                                              |                                                                                                                                                                                                                                             |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PSTI conformity given                        | Yes                                                                                                                                                                                                                                         |
| PSTI conformity needed                       | Yes                                                                                                                                                                                                                                         |
| Power                                        | 18 W                                                                                                                                                                                                                                        |
| Power consumption                            | 18 W                                                                                                                                                                                                                                        |
| Power consumption excl. hard disk            | 8                                                                                                                                                                                                                                           |
| 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 × 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)      | (80 / 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                                                                                                                                                                                                                                      |