

# ABUS complete set with NVR and 2 PoE mini-tube cameras

Art.-Nr. TVVR36422T

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Monitor efficiently, save time and money  
For businesses, shops or home: All in one set.

This all-in-one set saves you time and money. You no longer need to purchase everything separately, as the set contains two surveillance cameras, a network video recorder (NVR) and all the accessories you need for a compact and professional surveillance system. The hard disk drive, network cable and a computer mouse are included practically a gift. And it's even cheaper because you don't need to organise a separate power supply for the cameras - one cable per camera to the NVR is enough - and the data and power (Power over Ethernet, PoE) already flow.

The recorder can be placed in the server cabinet or simply next to the monitor from which it is operated. Now call up the user interface (also possible via PC/browser) and after a short time the first live image from the cameras can be seen.

For access on-site and remotely via the internet: customised settings can be made at any time. Clever modes help you to find recordings and scenes quickly and efficiently. The strong data compression ensures efficient memory utilisation. Depending on the configuration, you can record for weeks or months - for example, by manual triggering or motion detection. Night vision extends up to 30 metres.

Users receive a push notification 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

- All-in-one set consisting of two PoE surveillance cameras for indoor/outdoor use, network video recorder (NVR) incl. 1 TB hard disk drive/HDD (up to 10 TB possible), USB wireless mouse incl. batteries, two 18 m network cables, etc.
- Easy mobile access to live stream and recordings with smartphone/tablet via ABUS Link Station app
- Practical management of multiple recorders on a central PC via free Central Monitoring Station software (ABUS CMS); up to 256 recorders and 1,024 cameras, if required in a technology mix (IP, analogue HD)
- Can be extended at any time to a total of 4 IP cameras with 4K resolution

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## Technical data - ABUS complete set with NVR and 2 PoE mini-tube cameras

|                             |             |
|-----------------------------|-------------|
| Article program             | Performance |
| Battery - quantity          | 1           |
| Compatible with Secvest     | No          |
| Compatible with Smartvest   | No          |
| Compatible with wAppLoxx    | No          |
| Construction type of device | Tube        |
| Max. number of video feeds  | 4           |
| Net weight                  | 3.33 kg     |
| PSTI conformity given       | Yes         |
| PSTI conformity needed      | Yes         |
| Product group               | Video sets  |
| WEEE group                  | 09          |

## 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, 1KΩ)                     |
| Audio output                                      | 1x Cinch (Line, 1KΩ)                        |
| 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                                      |

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## Technical data - ABUS 4-channel PoE network video recorder

|                                              |                                                                                                                                                          |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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                                                                                                                                                     |
| 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                                                                                                                                                   |
| EAN                                          | 4043158197457                                                                                                                                            |

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## Technical data - 2MPx IP PoE Mini Tube Camera

|                                   |                              |
|-----------------------------------|------------------------------|
| Alarm generation                  | E-Mail, NAS, FTP             |
| Article program                   | Performance                  |
| Colour                            | white                        |
| Compatible with ABUS Link Station | Yes                          |
| Compatible with Secvest           | No                           |
| Compatible with wAppLoxx          | No                           |
| Compatible with wAppLoxx Pro      | No                           |
| Construction type of device       | Tube                         |
| Current consumption               | 420 mA                       |
| DC power supply                   | 12 (+/-25 %) V               |
| Day/night switching               | ICR/Color/B/W                |
| Depth                             | 170 mm                       |
| Dimensions                        | (LxWxH) 170x70x69 mm         |
| Encryption                        | HTTPS, TLS 1.1/1.2/1.3       |
| Focal length                      | 2,8 mm                       |
| Gross weight                      | 0.45 kg                      |
| Height                            | 69 mm                        |
| Horizontal viewing angle          | 111 °                        |
| Housing material                  | Plastic / metal              |
| ICR day/night function            | Yes                          |
| IR LEDs                           | Yes                          |
| IR range (up to)                  | 30 m                         |
| Image optimization                | 3D DNR                       |
| Image sensor                      | 1/2.8" Progressive Scan CMOS |
| Language OSD                      | DE, UK, FR, NL, DK, IT       |
| Length                            | 170 mm                       |
| Loudspeaker                       | Yes                          |
| Max. Air humidity                 | 95 %                         |
| Max. Operating temperature        | 60 °C                        |
| Max. Resolution @ frame rate      | 1920 x 1080 @ 30 fps         |
| Min. operating temperature        | -25 °C                       |
| Minimum illumination (IR)         | 0 lx                         |
| Minimum illumination (color)      | 0.005 lx                     |
| Net weight                        | 0.35 kg                      |
| Noise suppression                 | 3D DNR                       |
| Number of IR LEDs                 | 3                            |
| Number of streams                 | 2                            |

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## Technical data - 2MPx IP PoE Mini Tube Camera

|                                |                                                                        |
|--------------------------------|------------------------------------------------------------------------|
| Number of users                | 32                                                                     |
| PSTI conformity given          | Yes                                                                    |
| PSTI conformity needed         | Yes                                                                    |
| PoE Standard                   | 802.3af                                                                |
| Power consumption              | 5 W                                                                    |
| Privacy zones                  | 4                                                                      |
| Product group                  | Camera                                                                 |
| Protection class IP            | 67                                                                     |
| Radio networked                | No                                                                     |
| Resolution                     | 2 MP                                                                   |
| Resolution modes               | Stream 1: 1920 x 1080 @ 30 fps, Stream 2: 640 x 360 @ 30 fps           |
| Storage medium                 | microSD card, 256 GB (opt.)                                            |
| Supported browsers             | IE11, Mozilla Firefox, Google Chrome, MS Edge                          |
| Vertical angle of view         | 59 °                                                                   |
| Video compression              | Stream 1: H.264, H.265, Dynamic GOP (+), Stream 2: H.264, H.265, MJPEG |
| Video motion detector included | Yes                                                                    |
| WEEE group                     | 09                                                                     |
| White balance                  | AWB, Manual                                                            |
| width                          | 70 mm                                                                  |
| EAN                            | 4043158200447                                                          |