

16-Channel Network Video Recorder (NVR)

Art.-Nr. NVR10030

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Stream, operate and record up to 16 cameras

The ABUS Network Video Recorder (NVR) reliably records video streams from up to 16 cameras. The ABUS NVRs stand out thanks to their simple and flexible operation and can be integrated into any project as a scalable recording solution.

Convenient operation

The cameras can be set up in the recorder in the blink of an eye thanks to the intuitive installation assistant, while the clear menu enables quick and easy programming. All ABUS cameras are deeply integrated via protocol and therefore offer full functionality.

Free choice when operating

The local menu in the live view is easy to navigate and structured in a self-explanatory way. The recorder can also be accessed via web browser, ABUS CMS software or app if preferred.

ABUS Link Station

The ABUS NVRs support the ABUS Link Station service. This allows easy set-up in the app; the NVR can be accessed from the Internet without cumbersome port forwarding. The service also offers a solution if the location only has an IPv6 Internet address.

Technologies

- Live view and recording of up to 16 IP cameras @ 8 MPx (4K)
- High-performance network data throughput with up to 416 MBit/s (160 MBit/s in / 256 MBit/s out)
- Easy operation locally on the device, via web browser, ABUS CMS software or app
- Local monitor output supports up to 8 MPx (4K) resolution
- Manual or controlled recording according to time plan, motion detection, alarm input or VCA
- Supports H.264 and H.265 (incl. dynamic GOP)
- Recording on up to 4 SATA hard drives

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Technical data - 16-Channel Network Video Recorder (NVR)

AC power supply	100 – 240 V
Alarm generation	Acoustic warning signal, on screen display signal, email, CMS, Alarm output
Alarm inputs (NO/NC)	16
Application purpose	General surveillance
Audio	Line in: 1 x cinch (2.0 V s-s, 1000 Ω) – only for network transmission, Audio Out: 2 x cinch (600 Ω)
Battery - quantity	1
Compatible with ABUS Link Station	Yes
Construction type of device	Other
Control unit	USB mouse
Data backup	2 x USB 2.0, 1 x USB 3.0
Decoding performance (local live view & playback)	4 x 6 MPx / 8 x 3MPx / 16 x 1080p / 32 x 720p
Depth	440 mm
Dimensions	450 x 95 x 440 mm
Hardware Watchdog	Yes
Height	95 mm
Language OSD	English, German, French, Dutch, Danish
Length	440 mm
Loi Sarkozy compliant (only valid for FR)	Yes
Max. Air humidity	90 %
Max. Operating temperature	55 °C
Max. number of control feeds	16
Max. number of video feeds	16
Min. operating temperature	-10 °C
Mobile access	Yes
Monitor outputs	1 x VGA, 1 x HDMI
Multi-monitor function	Yes
Net weight	6.26 kg
Network cameras	ABUS network cameras, 3rd party (abus.com), RTSP
Network connection	2 x RJ45 10/100 /1000 Mbps
Network functions	Live view, playback, data export, settings
Number of HDDs	4
Number of channels	16
Number of users	31
PSTI conformity given	Yes
PSTI conformity needed	Yes

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Technical data - 16-Channel Network Video Recorder (NVR)

PTZ control	Over the network, RS-485 interface, control panel interface
Power consumption	20 W
Power consumption incl. HDD	80 W
Product group	Recorders
RAID	No
RS-485 interface	Yes
Recording modes	Manual, time schedule, motion detection, alarm input, VCA
Recording time at 1080p @ 2 Mbit/s	74
Recording time at 6 MPx @ 8 Mbit/s	18
Relay output	4 (Max. load: 12 V DC/1 A)
Resolution HDMI output	4K(3840x2160)/60Hz, 4K(3840x2160)/30Hz, 1920x1080/60Hz, 1600x1200/60Hz, 1280x1024/60 Hz, 1024x768/60 Hz
Resolution VGA output	1920x1080p/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
Resolution recording @ frame rate per camera	12 MPx, 8 MPx, 6 MPx, 5 MPx, 4 MPx, 3 MPx, 2 MPx, 1080p, 720p, VGA @ 25 fps
Search modes	Event, date and time, Smart Search, VCA
Simultaneous network access	128 camera connections
Software	ABUS CMS software, integrated web server
Storage medium	4 x S-ATA HDD (up to 16 TB per HDD)
Total frame rate (PAL)	400
Total network throughput (input/output)	416 MBit/s (160 MBits/256 MBits)
Total video channels	16
User levels	3
Video channels HD-SDI	0
Video channels HD-TVI	0
Video channels IP	16
Video channels analog	0
Video compression	H.264, H.265 (incl. dynamic GOP)
Video motion detector included	Yes
Views	1 / 4 / 6 / 8 / 9 / 16
WEEE group	09
width	450 mm