

32-channel network video recorder (NVR)

Art. no. NVR10040

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- Quick recording: stream videos with a data throughput of up to 576 Mbit/s (320 Mbit/s in / 256 Mbit/s out)
- Flexible application: integrate up to 32 cameras
- Permanent recording: save data to up to eight hard disk drives
- Details are clearly displayed: resolutions of up to 3.840 x 2.160 (4K ready) supported by HDMI output
- Clever performance: intelligent recording and triggering of alarms thanks to perfect interaction of recorder and cameras with VCA functions
- Easy to operate: can be controlled via local monitor, integrated web server, app or ABUS CMS software
- Double the security: integrated RAID function (level: 0, 1, 5, 10) protects data

Quick. Flexible. Permanent. This ABUS network video recorder (NVR) records video streams from 32 cameras with a total of up to 320Mbit/s. It supports eight internal hard disk drives and resolutions of up to 3840 x 2160px (4K ready via HDMI output). Like all ABUS IP video recorders, the NVR10040 can be integrated into new and existing projects in a flexible and scalable way. Simple and clever. Cameras can be set up in the recorder in no time at all thanks to the intuitive installation assistant. This is complemented by the perfect interaction between this NVR and, for instance, the ABUS IP cameras in the Advanced line, which include intelligent alarm functions (video content analysis or VCA for short). The recorder itself also offers various alarm options. It can send images by email, control Central Monitoring Station software (CMS) with messages, or operate sirens and lights. Anywhere and at any time. This NVR makes it very easy to react to a range of scenarios. This is because the recorder is extremely easy to control, regardless of when and how it is being used, and can be controlled via a local monitor or from anywhere in the world via remote access using the app, ABUS CMS software or an internet browser. Good value. Integrated embedded technology means that the NVR is virtually maintenance-free, which saves maintenance costs and expenses, and investments in software licences. Safe. The integrated RAID function (level: 0, 1, 5, 10) protects data through improved fail-safe performance and faster reconstruction via multiple hard disk drives.

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Technical Data:

Compliant with loi Sarkozy (FR only)	Yes
Total network throughput (input/output)	576 MBit/s (320 MBits/256 MBits)
ONVIF	Profile S
HD-TVI video channels	0
Power consumption incl. hard drive	200 W
RS-485 interface	Yes
Resolution VGA output	VGA1: 1920x1080p/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz; VGA2: 2K(2560x1440)/60Hz, 1920x1080p/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
Resolution HDMI output	HDMI1: 4K(3840x2160)/60Hz, 4K(3840x2160)/30Hz, 1920x1080/60Hz, 1600x1200/60Hz, 1280x1024/60 Hz, 1024x768/60 Hz; HDMI2: 1920x1080/60Hz, 1600x1200/60Hz, 1280x1024/60 Hz, 1024x768/60 Hz
Recording duration at 6MPx @ 8Mbit/s	9 hours/TB
Recording duration at 1080p @ 2Mbit/s	37 hours/TB
Decoder power consumption (Live and Playback)	4 x 6 MPx / 8 x 3MPx / 16 x 1080p / 32 x 720p
Technology	IP
Number of HDDs	8
HDMI output	Yes
Dimensions	450 x 95 x 440 mm
Alarm inputs (NO/NC)	16

Alarming	Acoustic warning signal, on screen display signal, email, CMS, Alarm output
Views	1 / 4 / 6 / 8 / 9 / 16 / 25 / 36
Number of users	31
Number of channels	32
Audio	Line In: 1 x Cinch (2,0 V s-s, 1000 Ω) – nur für Netzwerkübertragung, Audio Out: 2 x Cinch (600 Ω)
Recording resolution @ frame rate per camera	12 MPx, 8 MPx, 6 MPx, 5 MPx, 4 MPx, 3 MPx, 2 MPx, 1080p, 720p, VGA @ 25 fps
Recording modes	Manual, time schedule, motion detection, alarm input, VCA
User levels	3
Operating mode	Triplex
Width	450 mm
Storage	2 x USB 2.0, 1 x USB 3.0
Total frame rate (PAL)	800 fps
Simultaneous network access	128 camera connections
Height	95 mm
Length	440 mm
Power consumption	30 W
Max. operating temperature	55 °C
Max. humidity	90 %
Min. operating temperature	-10 °C
Mobile access	iDVR Plus / iDVR Plus HD (Apple iOS & Android)
Monitor outputs	2 x VGA, 2 x HDMI
Multi-monitor function	Yes
Net weight	1 kg
Network access	2 x RJ45 10/100 /1000 Mbps
Network functions	Live view, playback, data export, settings

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Technical Data:

Network cameras	ABUS network cameras, 3rd party (abus.com), RTSP
PTZ control	Over the network, RS-485 interface, control panel interface
RAID	RAID0, RAID1, RAID5, RAID10
Relay output	4 (Max. load: 12 V DC/1 A)
Software	ABUS CMS software, integrated web server
AC voltage supply	100 – 240 V
Storage medium	8 x S-ATA HDD (up to 10 TB per HDD)
OSD language	English, German, French, Dutch, Danish

Control	USB mouse
Search modes	Event, date and time, Smart Search, VCA
Analog video channels	0
Total video channels	32
HD-SDI video channels	0
IP video channels	32
Video compression	MPEG-4, H.264, H.265