

8-Channel PoE Network Video Recorder (NVR)

Art. no. NVR10020P

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- Live view and recording of up to 8 IP cameras @ 8 MPx (4K)
- High-performance network data throughput with up to 336 MBit/s (80 MBit/s in / 256 MBit/s out)
- Integrated PoE switch (max. 120 W) for power supply and fast operation of IP cameras
- 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 2 SATA hard drives

The ABUS Network Video Recorder (NVR) reliably records video streams from up to 8 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 When connected to the integrated PoE switch, this supplies the cameras with power and configures the network parameters. 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.

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Technical Data:

Compliant with loi Sarkozy (FR only)	Yes
Total network throughput (input/output)	336 MBit/s (80 MBits/256 MBits)
HD-TVI video channels	0
Power consumption incl. hard drive	140 W
RS-485 interface	No
Resolution VGA output	1920x1080p/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
Resolution HDMI output	4K(3840x2160)/60Hz, 4K(3840x2160)/30Hz, 1920x1080/60Hz, 1600x1200/60Hz, 1280x1024/60 Hz, 1024x768/60 Hz
Recording duration at 6MPx @ 8Mbit/s	37 hours/TB
Recording duration at 1080p @ 2Mbit/s	149 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	2
HDMI output	Yes
Compatible with ABUS Link Station	Yes
Dimensions	380 x 315 x 50 mm
Alarm inputs (NO/NC)	4
Alarming	Acoustic warning signal, on screen display signal, email, CMS, Alarm output
Views	1 / 4 / 6 / 8 / 9
Number of users	31
Number of channels	8

Audio	Line in: 1 x cinch (2.0 V s-s, 1000 Ω) – only for network transmission, Audio Out: 1 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
Width	380 mm
Storage	1 x USB 2.0, 1 x USB 3.0
Total frame rate (PAL)	200 fps
Simultaneous network access	128 camera connections
Height	50 mm
Length	315 mm
Power consumption	15 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	1 x VGA, 1 x HDMI
Multi-monitor function	Yes
Net weight	1 kg
Network access	8 x RJ45 PoE (IEEE 802.3 af/at, max. 120 W) + 1 x RJ45 10/100/1000 Mbps
Network functions	Live view, playback, data export, settings
Network cameras	ABUS network cameras, 3rd party (abus.com), RTSP
PoE Standard	IEEE 802.3 af/at (max. 120 W)
PTZ control	Over the Network
RAID	No
Relay output	1 (max. load: 12 V DC/1 A)

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Software	ABUS CMS software, integrated web server
DC voltage supply	12 V
Storage medium	2 x S-ATA HDD (up to 16 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	8
HD-SDI video channels	0
IP video channels	8
Video compression	MPEG-4, H.264, H.265 (incl. dynamic GOP)