

# 8-Channel PoE Network Video Recorder (NVR)

Art.-Nr. NVR10020P

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## 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.

## Technologies

- 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

## Technical data - 8-Channel PoE Network Video Recorder (NVR)

Alarm inputs (NO/NC)	4
Alarming	Acoustic warning signal, on screen display signal, email, CMS, Alarm output
Analogue video channels	0
Audio	Line in: 1 x cinch (2.0 V s-s, 1000 $\Omega$ ) – only for network transmission, Audio Out: 1 x cinch (600 $\Omega$ )
Compatible with ABUS Link Station	Yes

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## Technical data - 8-Channel PoE Network Video Recorder (NVR)

Control	USB mouse
DC voltage supply	12 V
Dimensions	380 x 315 x 50 mm
HD-SDI video channels	0
HD-TVI video channels	0
HDMI Out	Yes
Height	50 mm
IP video channels	8
Length	315 mm
Loi Sarkozy compliant (only valid for FR)	Yes
Max. humidity	90 %
Max. operating temperature	55 °C
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 cameras	ABUS network cameras, 3rd party (abus.com), RTSP
Network functions	Live view, playback, data export, settings
Number of HDDs	2
Number of channels	8
Number of users	31
OSD language	English, German, French, Dutch, Danish
PTZ control	Over the Network
Performance decoding (local live view & playback)	4 x 6 MPx / 8 x 3MPx / 16 x 1080p / 32 x 720p
PoE standard	IEEE 802.3 af/at (max. 120 W)
Power consumption	15 W
Power consumption incl. HDD	140 W
RAID	No
RS-485 interface	0
Recording duration at 1080p @ 2 Mbit/s	149 hours/TB
Recording duration at 6 MPx @ 8 Mbit/s	37 hours/TB
Recording modes	Manual, time schedule, motion detection, alarm input, VCA
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

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## Technical data - 8-Channel PoE Network Video Recorder (NVR)

Relay output	1 (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
Search modes	Event, date and time, Smart Search, VCA
Simultaneous network access	128 camera connections
Software	ABUS CMS software, integrated web server
Storage	1 x USB 2.0, 1 x USB 3.0
Storage medium	2 x S-ATA HDD (up to 16 TB per HDD)
Technology	IP
Total frame rate (PAL)	200 fps
Total network throughput (input/output)	336 MBit/s (80 MBits/256 MBits)
Total video channels	8
User levels	3
Video compression	MPEG-4, H.264, H.265 (incl. dynamic GOP)
Views	1 / 4 / 6 / 8 / 9
Width	380 mm