

8-Channel PoE Network Video Recorder (NVR)

Art.-Nr. NVR10020P

Seite 1 von 3

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 generation	Acoustic warning signal, on screen display signal, email, CMS, Alarm output
Alarm inputs (NO/NC)	4
Application purpose	General surveillance
Audio	Line in: 1 x cinch (2.0 V s-s, 1000 Ω) – only for network transmission, Audio Out: 1 x cinch (600 Ω)
Battery - quantity	1
Compatible with ABUS Link Station	Yes
Construction type of device	Other
Control unit	USB mouse
DC power supply	12 V

8-Channel PoE Network Video Recorder (NVR)

Art.-Nr. NVR10020P

Seite 2 von 3

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

Data backup	1 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	315 mm
Dimensions	380 x 315 x 50 mm
HDMI Out	Yes
Height	50 mm
Language OSD	English, German, French, Dutch, Danish
Length	315 mm
Loi Sarkozy compliant (only valid for FR)	Yes
Max. Air humidity	90 %
Max. Operating temperature	55 °C
Max. number of control feeds	4
Max. number of video feeds	8
Min. operating temperature	-10 °C
Mobile access	Yes
Monitor outputs	1 x VGA, 1 x HDMI
Multi-monitor function	Yes
Net weight	1.8 kg
Network cameras	ABUS network cameras, 3rd party (abus.com), RTSP
Network connection	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
Number of HDDs	2
Number of channels	8
Number of users	31
PSTI conformity given	Yes
PSTI conformity needed	Yes
PTZ control	Over the Network
PoE Standard	802.3 at (PoE+)
Power consumption	15 W
Power consumption incl. HDD	140 W
Product group	Recorders
RAID	No
RS-485 interface	No
Recording modes	Manual, time schedule, motion detection, alarm input, VCA
Recording time at 1080p @ 2 Mbit/s	149
Recording time at 6 MPx @ 8 Mbit/s	37

8-Channel PoE Network Video Recorder (NVR)

Art.-Nr. NVR10020P

Seite 3 von 3

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
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	2 x S-ATA HDD (up to 16 TB per HDD)
Total PoE power	120 W
Total frame rate (PAL)	200
Total network throughput (input/output)	336 MBit/s (80 MBits/256 MBits)
Total video channels	8
User levels	3
Video channels HD-SDI	0
Video channels HD-TVI	0
Video channels IP	8
Video channels analog	0
Video compression	H.264, H.265 (incl. dynamic GOP)
Video motion detector included	Yes
Views	1 / 4 / 6 / 8 / 9
WEEE group	09
width	380 mm