64-Channel Network Video Recorder (NVR)

 Stream, operate and record up to 64 cameras
 Setting up the cameras in the recorder is quick and safe thanks to the intuitive installation wizard. The clear menu allows for easy and quick programming. All ABUS cameras are integrated by protocol. The front flap on the recorder also makes hard drive installation effortless and time-saving.

Free choice of operation
The local menu for the live view is clearly laid out and self-explanatory. The recorder can also be accessed via a web browser, ABUS CMS software or app.

ABUS Link Station
The ABUS NVRs support the ABUS Link Station service. This allows for easy setup in the app. The NVR can be accessed from the Internet without the need for complex port forwarding. The service also offers a solution if only one IPv6 Internet address is available at the location.

Efficiency in everyday life
Fast and secure access control via the connectable ABUS license plate recognition camera. A lot of time can be saved in the event of an incident: The integrated object recognition, face recognition with single image capture or people search based on a facial image enable structured and efficient searching.

Technologies

- Live view and recording from up to 64 IP cameras @ 8 MPx (4K)
- High-performance network data throughput with up to 576 Mbit/s (320 Mbit/s in / 256 Mbit/s out)
- Simple local operation on the device, via web browser, ABUS CMS software or app
- VCA function for precise detection and differentiation of people and vehicles in real time
- Manual or controlled recording according to schedule, motion detection, alarm input or VCA
- Recording on up to 8 SATA hard drives
- Face recognition and detection with single image capture for efficient event search in the video stream
- Search for people for rapid clarification in the event of an incident with facial image
- Effortless and time-saving installation of the hard drives via the flap on the front

64-Channel Network Video Recorder (NVR)

Technical data - 64-Channel Network Video Recorder (NVR)

AC voltage supply	100 V
AHD video channels	0
Alarm inputs (NO/NC)	16
Alarming	Acoustic warning signal, OSD signal, email, CMS, alarm output, app push
Analogue video channels	0
Audio	Line In: 1 x Cinch (2.0 V s-s, 1000 Ω) – for network transmission only, Audio Out: 2 x Cinch (1000 Ω)
Audio compression	G.711ulaw / G.711alaw / G.722 / G.726 / AAC / MP2L2 / PCM
Battery - GRS type	CR1220
Battery - quantity	1
Camera inputs	64
Compatible with ABUS Link Station	Yes
Compatible with Secoris	No
Compatible with wAppLoxx Pro	No
Connections	2 x HDMI, 2 x VGA, 2 x RJ45 LAN, 1 x audio input (Cinch), 2 x audio output (Cinch), 2 x USB 3.0, 1 x USB 2.0, 1 x BNC output, 1 x DC input, 16 x alarm input, 9 x alarm output, 1 x RS-485, 1 x eSATA
Control	USB mouse, IP network via Internet browser/ABUS CMS
DDNS	Yes
Dimensions	164 x 164 x 44 mm
Event memory	Yes
Gross weight	9,5 kg
HD-CVI video channels	0
HD-SDI video channels	0
HD-TVI video channels	0
HDMI Out	Yes
Height	95 mm
Housing material	metal
Hybrid-capable	No
IP video channels	64
Installation type	Table, 19 inch rack (Note: fan integrated in recorder)
Length	465 mm
Loi Sarkozy compliant (only valid for FR)	Yes
Max. humidity	90 %
Max. operating temperature	55 °C
Min. display resolution	1024 x 768 Pixel

64-Channel Network Video Recorder (NVR)

Technical data - 64-Channel Network Video Recorder (NVR)

Min. operating temperature	-10 °C
Mobile access	ABUS Link Station Lite / Pro (Apple iOS & Android)
Monitor outputs	2 x VGA, 2 x HDMI
Multi-monitor function	Yes
NTP	Yes
Net weight	6,5 kg
Network access	2 x RJ45 10/100 /1000 Mbps
Network cameras	ABUS network cameras, 3rd party (abus.com), RTSP, Open Network Video
Network functions	Live view, playback, data export, settings
Network protocols	TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, ABUS Server, NTP, RTSP, SMTP, SNMP, HTTP, HTTPS
Number of HDDs	8
Number of channels	64
Number of users	32
OSD language	DE, EN, FR, NL, DK, IT, ES, SE, PL
Other functions	32 channel motion detection or 4 channel VCA or 4 channel face detection, 5 channel face comparison, VCA (intrusion detection, tripwire, enter region, leave region)
PSTI conformity given	Yes
PSTI conformity required	Yes
PTZ control	Over IP network
Performance decoding (local live view & playback)	AI in NVR off: max. 64 MPx, AI over NVR: max. 40 MPx
Power consumption	10.000 mA
Power consumption incl. HDD	70 W
Pre/post alarm memory	Yes (pre-alarm depends on resolution and bitrate, post-alarm (5 - 600 sec.)
Product security updates at least until	2026-08-01
RAID	Yes (Raid 0, 1, 5, 6, 10)
RS-485 interface	Yes
Recording modes	Manual, Schedule, Motion Detection, Alarm Input, VCA
Recording resolution @ frame rate per camera	32 MPx, 24 MPx, 12 MPx, 8 MPx, 6 MPx, 5 MPx, 4 MPx, 3 MPx, 1080p, 720p, VGA @ 25 fps
Relay output	9 (load capacity: 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 & Time, Smart Search, VCA, Face
Simultaneous network access	128 camera connections
Storage	1 x USB 2.0, 2 x USB 3.0
Storage medium	8 x SATA HDD, 1 x eSATA (up to 16 TB per HDD)

64-Channel Network Video Recorder (NVR)

Technical data - 64-Channel Network Video Recorder (NVR)

Technology	IP
Total frame rate	1600 fps
Total network throughput (input/output)	576 MBit/s (320 MBits/256 MBits)
Total video channels	64
User levels	3
Video Content Analysis (VCA)	Yes
Video compression	H.264, H.265 (incl. Dynamic GOP)
Views	1 / 4 / 6 / 8 / 9 / 16 / 25 / 32 / 36 / 64
Web server	Yes
Width	450 mm