16-channel analogue video recorder

Simple installation and immediate operation
The ABUS 16-channel analogue HD video recorder enables uncomplicated setup according to the plug & play principle. Ideal for retrofitting or for new security projects with analogue HD technology. Connection is via coaxial cable or optional 2-wire analogue HD transmission set - and the live image and recording are available in real time.

Efficient storage solution with H.265 compression
With modern H.265 video compression, storage space is utilised efficiently - twice the recording time with the same quality. The recorder supports up to two hard drives with up to 12 TB each, i.e. a total of up to 24 TB storage capacity for seamless video surveillance

Highest picture quality via Ultra HD HDMI
The integrated Ultra HD HDMI connection guarantees lossless picture output in full resolution. Up to 16 channels can be played back synchronously. With the USB 3.0 connection, data can be exported quickly - ideal for preserving evidence.

Intuitive operation - local and mobile
The video data is analysed directly on the monitor, via web browser, via user-friendly ABUS CMS software or via mobile access with the ABUS Link Station app for Android and iOS. Everything in view at all times - even when travelling.

Intelligent motion detection with object recognition
By automatically differentiating between people, vehicles and disruptive influences such as light reflections or moving branches, the recorder significantly reduces unnecessary false alarms.

Maximum compatibility with Pentaplex support
TVI (up to 8 MPx), CVI (up to 8 MPx), AHD (up to 5 MPx) and FBAS/CVBS (PAL/NTSC) are supported at all BNC inputs. In addition, two IP channels up to 8 MPx can be integrated - ideal for hybrid or modernised surveillance solutions.

Technologies

- Pentaplex support: Recording and live display of all channels up to 8 MPx (selected ABUS IP cameras, TVI, CVI, AHD, CVBS)
- Use storage space twice as efficiently: Data compression with H.265
- 4K Ultra HD HDMI connection for lossless viewing of connected cameras on a 4K monitor

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- Perfect for upgrading existing systems to higher resolution
- Supports cable lengths of up to 500 m (RG6 cable, 720p resolution)
- USB 3.0 interface for fast data export
- Permanent recording: 2x HDD up to 12TB
- Easy to operate: control via local monitor, browser, app or ABUS CMS software
- 2-way audio and alarm flashing light function possible in combination with HDCC52512 / HDCC32512
- Support for a maximum of 2 IP cameras

Technical data - 16-channel analogue video recorder

AHD video channels	16
Alarm inputs (NO/NC)	16
Alarming	App push, alarm output, acoustic warning signal, OSD signal, email
Audio	Audio input: 4-ch, RCA (2.0 V p-p, 1KΩ), 8-ch via coaxial cable, Audio output: 1-ch, RCA (Linear, 1KΩ)
Audio bitrate	64 kBit/s
Audio compression	G.711u
Battery - GRS type	CR1220 / AAA
Battery - type	CR1220 / AAA
Camera inputs	16x BNC (HD-TVI, HD-CVI, AHD, Analog CVBS)
Camera outputs	1x BNC (Analog CVBS)
Compatible with ABUS Link Station	Yes
Control	Mouse, PC software, integrated web server
DC voltage supply	12 V
DDNS	Yes
Dimensions	380 x 315 x 48 mm
Gross weight	4,74 kg
HD-CVI video channels	16
HD-TVI video channels	16
HDMI Out	Yes
Height	48 mm
IP video channels	2
Image sensor	Triplex
Language of instructions	DE, UK, FR, NL, DK, IT
Length	315 mm
Loi Sarkozy compliant (only valid for FR)	Yes
Max. humidity	90 %
Max. operating temperature	55 °C

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Min. operating temperature	-10 °C
Mobile access	ABUS Link Station Lite / Pro (Apple IOS & Android)
Monitor outputs	1x HDMI, 1x VGA, 1x Main BNC
NTP	Yes
Net weight	2,43 kg
Network access	1x RJ45 10/100 Mbps
Network cameras	ABUS models from 2021 up to 8 megapixels
Network protocols	TCP/IP, DHCP, DNS, DDNS, NTP, SADP, NFS, UPnP, HTTPS
Number of HDDs	2
OSD language	DE, UK, FR, NL, DK, IT
PSTI conformity given	Yes
PSTI conformity required	Yes
PTZ control	Coax
PTZ protocols	Pelco D, P
Power consumption	15 W
Power consumption incl. HDD	35 W
Pre/post alarm memory	0-2 / 5-900
Product security updates at least until	2027-07-31
RS-485 interface	Yes
Recording bitrate	32 Kbit/s - 10 Kbit/s
Recording modes	8ch VCA (tripwire, intrusion detection) & 16ch motion detection with person/vehicle detection, alarm input, duration
Resolution HDMI output	1-ch, 4K (3840 x 2160), 2K (2560 x 1440/60Hz, 1920 x 1080/60Hz, 1280 x 1024/60Hz, 1280 x 720/60Hz)
Resolution VGA output	1-ch 1920 x 1080/60Hz, 1280 x 1024/60Hz, 1280 x 720/60Hz
Search modes	People search, smart search, VCA, event, date & time
Simultaneous network access	128 channels
Software	ABUS CMS Software
Storage	1 x USB 2.0, 1 x USB 3.0
Storage medium	2x S-ATA HDD (max. 12 TB)
Technology	Analogue HD
Total network throughput (input/output)	256 Mbps (128 connections)
Total video channels	18
Video compression	H.264 / H.264+ / H.265 / H.265+
Watchdog hardware	Yes
Web server	Yes
Width	380 mm