4-channel analog HD video recorder

ABUS
Security Tech Germany

Simple installation following the plug & play principle
The ABUS designed 4-Channel Analogue HD Video Recorder ensures that every recording solution is ready to use straight away - whether it be a retrofitting or a new project set-up with analogue HD technology. Video images can be provided in real-time and for recording as soon as the connection between the camera and recorder is set up using a coaxial or 2-wire connection (accessory: 2-Wire Analogue HD Transmission Set).

Storage space is doubled thanks to data compression
The compression of the incoming image data using H.265 technology uses storage space twice as efficiently. Up to 10 TB hard disk drive capacity can be installed, ensuring sufficient storage capacity is made available for sustained recording and any application.

Very easy and intuitive operation
Various modes of operation are available with the analogue HD recorder. The video data can be evaluated using a local monitor, browser, the intuitive ABUS CMS software or via the iDVR Plus app for Android/iOS.

Pentaplex support
Supports TVI (max 5 MPx), CVI (max 1080p), AHD, CVBS (PAL / NTSC) signals on all BNC inputs
Support of two additional IP channels up to max. 6 MPx
Compatible with ABUS IP cameras. See compatibility list in the download area.

Technologies

- Fanless and silent
- Pentaplex support: recording and live display of all channels up to 6 MPx (selected ABUS IP cameras, TVI, CVI, AHD, CVBS)
- Use storage space twice as efficiently: Data compression with H.265
- Ideal for retrofitting of existing systems to a higher resolution
- Long cable lengths up to a maximum of 500 m
- Permanent recording: 1x HDD up to 10TB
- Easy to operate: can be controlled via local monitor, Internet Explorer, app or ABUS CMS software
- Support for max. 2 IP cameras

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Technical data - 4-channel analog HD video recorder

AC voltage supply	100 - 240 V
Alarm inputs (NO/NC)	4
Alarming	Acoustic warning, OSD signal, email
Analogue video channels	4
Audio	Line In: 4 x RCA (2,0 V p-p, 1000 Ω), Audio Out: 1 x RCA (1000 Ω)
Audio bitrate	64 kbit/s
Audio compression	G.711u
Camera inputs	4 x BNC (HD-TVI, HD-CVI, AHD, Analog CVBS)
Camera outputs	1 x BNC (Analog CVBS)
Control	Mouse, PC software, integrated web server
DDNS	Yes
Dimensions	380 x 320 x 48 mm
HD-SDI video channels	0
HD-TVI video channels	4
HDMI Out	Yes
Height	48 mm
IP video channels	2
Language of instructions	Deutsch, Englisch, Französisch, Niederländisch, Dänisch, Italienisch
Length	320 mm
Loi Sarkozy compliant (only valid for FR)	Yes
Max. humidity	90 %
Max. operating temperature	55 °C
Min. operating temperature	-10 °C
Mobile access	ABUS Link Station Lite / Pro (Apple iOS & Android)
Monitor outputs	1 x HDMI, 1 x VGA, 1 x Main BNC
Net weight	1,16 kg
Network access	1 x RJ45 10/100/1000 Mbps
Network cameras	See compatibility list in the download area
Network functions	DVR: NAS saving, IP-SAN saving/recorder software: Live view, playback, data export/web interface: Live view, playback, data export, log files, settings/apps: Live view, playback
Network protocols	TCP/IP, PPoE, DHCP, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP, HTTPS
Number of HDDs	1
OSD language	Deutsch, Englisch, Französisch, Niederländisch, Dänisch, Italienisch
Operating mode	Triplex
PSTI conformity required	No
PTZ control	RS-485, HD-TVI
Power consumption	10 W

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Pre/post alarm memory	0-2 / 5-900
Recording bitrate	32 Kbit/s up to 10 Mbit/s
Recording modes	VCA (tripwire, intrusion detection), motion detection, alarm, motion detection and alarm, motion detection or alarm, time schedule, manual
Recording resolution @ frame rate per camera	2MPx @ 25 frames/s, 3MPx @ 18 frames/s
Relay output	1
Resolution HDMI output	1920 x 1080 / 60 Hz, 1280 x 1024 / 60 Hz, 1280 x 720 / 60 Hz, 1024 x 768 / 60 Hz
Sabotage monitoring video	Yes
Search modes	Smart search, VCA, event, date & time
Simultaneous network access	128 channels
Software	ABUS CMS software
Storage	2 x USB 2.0
Storage medium	1 x SATA HDD (max. 10 TB)
Technology	AHD, CVBS, HD-CVI, HD-TVI, IP
Total frame rate (PAL)	100 fps
Total network throughput (input/output)	96Mbit (0 Mbit/96 Mbit)
Total video channels	6
User levels	2
Video compression	H.265
Views	1 / 4
Watchdog hardware	Yes
Web server	Yes
Width	380 mm