

4-channel analog HD video recorder

Art.-Nr. HDCC90001



- 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

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.

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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.

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Technical Data

Alarm inputs (NO/NC)	4
Alarming	Acoustic warning, OSD signal, email
Analog 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)
Compliant with loi Sarkozy (FR only)	Yes
Control	Mouse, PC software, integrated web server
DC voltage supply	12V
DDNS	Yes
HD-SDI video channels	0
HD-TVI video channels	4
HDMI output	Yes
Hardware watchdog	Yes
Height	48mm
IP video channels	2
Language of instructions	Deutsch, Englisch, Französisch, Niederländisch, Dänisch, Italienisch
Length	320mm
Max. humidity	90%
Max. operating temperature	55°C
Min. operating temperature	-10°C

Mobile access	Yes (iOS/Android: iDVR Plus, iDVR Plus HD)
Monitor outputs	1 x HDMI, 1 x VGA, 1 x Main BNC
Net weight	1,16kg
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 functions	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
PTZ control	RS-485, HD-TVI
Power consumption	10W
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

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Recording resolution @ frame rate per camera	2MPx @ 25 frames/s, 3MPx @ 18 frames/s
Resolution HDMI output	1920 x 1080 / 60 Hz, 1280 x 1024 / 60 Hz, 1280 x 720 / 60 Hz, 1024 x 768 / 60 Hz
Search modes	Smart search, VCA, event, date & time
Simultaneous network access	128 channels
Software	ABUS CMS software (Windows), iDVR Plus (iOS/Android), iDVR Plus HD (iOS/Android)
Storage	2 x USB 2.0
Storage medium	1 x SATA HDD (max. 10 TB)
Tamper monitoring of video	Yes
Technology	AHD, CVBS, HD-CVI, HD-TVI, IP

Total frame rate (PAL)	100fps
Total network throughput (input/output)	96Mbit (0 Mbit/96 Mbit)
Total video channels	6
User levels	2
Video compression	H.265
Views	1 / 4
Web server	Yes
Width	380mm