

8-channel Analogue HD Video Recorder

Art.-Nr. HDCC90010

Seite 1 von 4

Easy installation and immediate start-up

The ABUS 8-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. The connection is realised via coaxial cable or via an optional 2-wire analogue HD transmission set - 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 used 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 image quality via Ultra HD HDMI

The integrated Ultra HD HDMI connection guarantees loss-free image output in full resolution. Up to 8 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 a web browser, via the user-friendly ABUS CMS software or with the ABUS Link Station app for Android and iOS when out and about. Everything in view at all times - even on the move.

Intelligent motion detection with object recognition

By automatically differentiating between people, vehicles and disturbing 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
- 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

8-channel Analogue HD Video Recorder

Art.-Nr. HDCC90010

Seite 2 von 4

- 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 - 8-channel Analogue HD Video Recorder

AC power supply	100 - 240 V
Alarm generation	Acoustic warning, OSD signal, email
Alarm inputs (NO/NC)	8
Audio	Audio In: 4 x cinch (2.0 V p-p, 1000 Ω), Audio Out: 1 x cinch (600 Ω)
Audio bit rate	64 kbit/s
Audio compression	G.711u
Camera inputs	8 x BNC (HD-TVI, Analog CVBS)
Control unit	Mouse, PC software, integrated web server
DDNS	Yes
Data backup	2 x USB 2.0
Dimensions	440 x 276 x 50 mm
Gross weight	4.5 kg
Hardware Watchdog	Yes
Height	50 mm
Hybrid capable	Yes
Language Manual	German, English, French, Dutch, Danish, Polish, Russian
Language OSD	German, English, French, Dutch, Danish, Polish, Swedish, Russian
Length	276 mm
Loi Sarkozy compliant (only valid for FR)	Yes
Max. Air humidity	90 %
Max. Operating temperature	55 °C
Max. number of control feeds	1
Max. number of video feeds	8
Min. operating temperature	-10 °C
Mobile access	Yes
Monitor outputs	1 x VGA, 1 x HDMI
Net weight	2.43 kg
Network connection	1 x RJ45 10/100/1000 Mbps
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, SMTP, SNMP, NFS, iSCSI, UPnP, HTTPS
Operation mode	Triplex

8-channel Analogue HD Video Recorder

Art.-Nr. HDCC90010

Seite 3 von 4

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PTZ control	RS-485, HD-TVI
PTZ protocols	ABUS-Coaxitron, PELCO-D, PELCO-P, Samsung, LG-MULTIX
Power consumption	20 W
Pre/post-alarm memory	0-2 / 5-900
Product group	Recording solution
Protection class IP	20
Recording bit rate	32Kbit/s bis zu 10Mbit/s
Recording frame rate	1/16 fps bis zu 25/30 fps
Recording modes	VCA (max. 2 Ch. / tripwire, intrusion detection), motion detection, alarm, motion detection and alarm, motion detection or alarm, time schedule, manual
Recording time at max. resolution & frame rate	74
Recording time at min. resolution & frame rate	582
Relay output	4 (maximum load: 12 V DC/1 A)
Resolution live view	HDMI: 1920*1080/60Hz(1080P), 1280*1024/60Hz, 1280*720/60Hz, 1024*768/60Hz - VGA: 1920*1080/60Hz(1080P), 1280*1024/60Hz, 1280*720/60Hz, 1024*768/60Hz - BNC Output: PAL: 704*576, NTSC: 704*480
Resolution recording @ frame rate per camera (NTSC)	1920 x 1080 @ 30 fps, 1280 x 720 @ 30 fps, 640 x 480 @ 30 fps, 704 x 576 @ 30 fps, 352 x 288 @ 30 fps
Resolution recording @ frame rate per camera (PAL)	1920 x 1080 @ 25 fps, 1280 x 720 @ 25 fps, 640 x 480 @ 25 fps, 704 x 576 @ 25 fps, 352 x 288 @ 25 fps
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 medium	2 x SATA HDD (max. 10 TB), 8 x network drive
Tamper monitoring video	Yes
Total frame rate (PAL)	200
Total network throughput (input/output)	128Mbit (0 Mbit / 128Mbit)
Total video channels	8
User levels	2
Video channels HD-SDI	0
Video channels HD-TVI	8
Video channels IP	0
Video channels analog	8
Video compression	H.264
Video motion detector included	Yes

8-channel Analogue HD Video Recorder

Art.-Nr. HDCC90010

Seite 4 von 4

Technical data - 8-channel Analogue HD Video Recorder

Views	1 / 4 / 6 / 8 / 9
WEEE group	09
Web server	Yes
width	440 mm