

4-channel analogue HD video recorder

Art.-Nr. HDCC90003

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Quick installation via Plug & Play

The 4-channel analogue HD video recorder enables easy start-up - ideal for retrofitting existing systems or new projects with analogue HD technology. The cameras are connected directly via coaxial cable or optional 2-wire transmission set - without any network or complex set-up. The system is immediately ready for use and provides live images and recordings in real time.

Efficient storage thanks to H.265 compression

The recorder uses storage space particularly efficiently thanks to modern H.265 compression. This allows large amounts of data to be archived in a space-saving manner. A hard drive with up to 12 TB can be installed - for long-term and reliable video recording.

Intuitive operation - local and mobile

The analogue HD recorder can be operated flexibly - either directly on the monitor, via a web browser, with the ABUS CMS software or via the ABUS Link Station app for Android and iOS when out and about. This makes it easy to access live images and recordings at any time and from any location.

Intelligent object detection

The integrated AI analysis reliably distinguishes between people and vehicles and minimises disturbing influences such as light reflections or movements caused by branches - for optimum motion detection.

Compatible with common video formats (Pentaplex)

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, up to two ABUS IP cameras (up to 8 MPx) can be integrated.

Technologies

- Fanless design for quiet operation
- Pentaplex support: Recording and live display of all channels up to 8 MPx (selected ABUS IP cameras, TVI, CVI, AHD, CVBS)
- Efficient H.265 compression for reduced memory requirement
- Ideal for retrofitting existing systems with higher resolution
- Supports cable lengths of up to 500 m (RG6 cable, 720p resolution)
- Intelligent object recognition (person/vehicle) for precise classification and real-time detection of people and

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vehicles

- Flexible operation: via monitor, browser, app or ABUS CMS software
- Connection of up to 2 additional IP cameras possible
- Recording on 1x HDD with up to 12 TB storage capacity
- 2-way audio and alarm flashing light function possible in combination with HDCC52512 / HDCC32512

Technical data - 4-channel analogue HD video recorder

Alarm generation	App push, alarm output, acoustic warning signal, OSD signal, email
Alarm inputs (NO/NC)	4
Audio	Audio input: 4-ch, RCA (2.0 V p-p, 1KΩ), 4-ch via coaxial cable, Audio output: 1-ch, RCA (Linear, 1KΩ)
Audio bit rate	64 kBit/s
Audio compression	G.711u
Battery - GRS type	CR1220 / AAA
Battery type	CR1220 / AAA
Camera inputs	4x BNC (HD-TVI, HD-CVI, AHD, Analog CVBS)
Camera outputs	1x BNC (Analog CVBS)
Compatible with ABUS Link Station	Yes
Construction type of device	Other
Control unit	Mouse, PC software, integrated web server
DC power supply	12 V
DDNS	Yes
Data backup	1 x USB 2.0, 1 x USB 3.0
Depth	315 mm
Dimensions	380 x 315 x 48 mm
Gross weight	4.62 kg
HDMI Out	Yes
Hardware Watchdog	Yes
Height	48 mm
Image sensor	Triplex
Language Manual	DE, UK, FR, NL, DK, IT
Language OSD	DE, UK, FR, NL, DK, IT
Length	315 mm
Loi Sarkozy compliant (only valid for FR)	Yes
Max. Air humidity	90 %
Max. Operating temperature	55 °C
Max. number of video feeds	4

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Min. operating temperature	-10 °C
Mobile access	Yes
Monitor outputs	1x HDMI, 1x VGA, 1x Main BNC
NTP	Yes
Net weight	2.43 kg
Network cameras	ABUS models from 2021 up to 8 megapixels
Network connection	1x RJ45 10/100 Mbps
Network protocols	TCP/IP, DHCP, DNS, DDNS, NTP, SADP, NFS, UPnP, HTTPS
Number of HDDs	1
PSTI conformity given	Yes
PSTI conformity needed	Yes
PTZ control	Coax
PTZ protocols	Pelco D, P
Power consumption	10 W
Power consumption incl. HDD	20 W
Pre/post-alarm memory	0-2 / 5-900
Product group	Recording solution
Product security update min until	2027-07-31
RS-485 interface	Yes
Recording bit rate	32 Kbit/s - 10 Kbit/s
Recording modes	4ch VCA (tripwire, intrusion detection) & 4ch motion detection with person/vehicle detection, alarm input, duration
Resolution HDMI output	1-ch, 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	32 channels
Software	ABUS CMS Software
Storage medium	1x S-ATA HDD (max. 12 TB)
Total network throughput (input/output)	96 Mbps (32 connections)
Total video channels	6
Video channels AHD	4
Video channels HD-CVI	4
Video channels HD-TVI	4
Video channels IP	2
Video compression	H.264 / H.264+ / H.265 / H.265+
Video motion detector included	Yes

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Technical data - 4-channel analogue HD video recorder

WEEE group	09
Web server	Yes
width	380 mm