

# 4-channel analogue video recorder

Art.-Nr. HDCC90003

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## Quick installation via Plug & Play

The 4-channel analogue HD video recorder enables simple 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 with H.265 compression

Thanks to modern H.265 compression, the recorder utilises storage space very efficiently. This allows 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 web browser, with the ABUS CMS software or by mobile access via ABUS Link Station app for Android and iOS. Live images and recordings can therefore be accessed at any time and from any location.

## Intelligent object recognition

The integrated AI analysis reliably distinguishes between people and vehicles and minimises disruptive 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 storage capacity requirement
- Ideal for retrofitting existing systems with higher resolution
- Supports cable lengths of up to 500 m (RG6 cable, 720p resolution)
- Intelligent object recognition (human/vehicle) for precise classification and real-time detection of people and vehicles

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- Flexible operation: via monitor, browser, app or ABUS CMS software
- Connection of up to 2 additional IP cameras possible
- Recording to 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 video recorder

AHD video channels	4
Alarm inputs (NO/NC)	4
Alarming	App push, alarm output, acoustic warning signal, OSD signal, email
Audio	Audio input: 4-ch, RCA (2.0 V p-p, 1K $\Omega$ ), 4-ch via coaxial cable, Audio output: 1-ch, RCA (Linear, 1K $\Omega$ )
Audio bitrate	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
Control	Mouse, PC software, integrated web server
DC voltage supply	12 V
DDNS	Yes
Dimensions	380 x 315 x 48 mm
Gross weight	4,62 kg
HD-CVI video channels	4
HD-TVI video channels	4
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
Min. operating temperature	-10 °C
Mobile access	ABUS Link Station Lite / Pro (Apple IOS & Android)
Monitor outputs	1x HDMI, 1x VGA, 1x Main BNC

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## Technical data - 4-channel analogue video recorder

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	1
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	10 W
Power consumption incl. HDD	20 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	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	1 x USB 2.0, 1 x USB 3.0
Storage medium	1x S-ATA HDD (max. 12 TB)
Technology	Analogue HD
Total network throughput (input/output)	96 Mbps (32 connections)
Total video channels	4
Video compression	H.264 / H.264+ / H.265 / H.265+
Watchdog hardware	Yes
Web server	Yes
Width	380 mm