ABUS Analogue HD/6-Channel Hybrid Video Recorder

One for all

The recorder is ideal for hybrid systems, such as simultaneous operation of analogue HD and IP cameras. It also works well for a mixture of new cameras and ones already in place on site. It can be flexibly positioned and stores data exactly as required.

The hybrid video recorder records video data from up to 6 connected cameras - simply integrate a standard 3.5-inch hard disk (accessory) and you're ready to go. Each of the 4 analogue HD channels can be converted into another channel for IP cameras with one click. Also practical: The recorder can be placed wherever it's needed, in a server cabinet or simply next to the monitor from which it is operated. An excellent basis for setting up a flexible and professional surveillance system.

All functions can be accessed via an established user interface - even remotely via the Internet, if desired. Clever modes help to search scenes quickly and efficiently. The powerful data compression ensures efficient memory utilisation. In this way, depending on the configuration, recording can last for weeks or months - e.g. by manual triggering or motion detection. Even start-up is brief: Connect the recorder to the company or home network and access the user interface from a PC and browser or simply connect it to a separate monitor - after a short time, the first live image from the cameras can be seen. Individual settings can also be made quickly.

In the event of operation in the network and a motion alarm, users of the ABUS Link Station app will receive a push notification. The app's Pro version offers unlimited mobile access. Free with Lite version: up to 60 minutes/month data stream (live view/playback).

Technologies

- Reliably stores video data from up to 4 analogue HD cameras plus 2 IP cameras (2 or up to 8 megapixels); supports simultaneous display of several live streams on one monitor (multi-view)
- Integrate cameras from different manufacturers as needed; also ideal for retrofitting/adding to older systems (supports TVI, AHD, CVI and CVBS); if needed, all 6 channels can be used with IP cameras
- Quickly find the scene you're looking for with clear playback view; stores up to 10 TB on a 3.5" HDD/hard disk (accessory); powerful H.265 Plus video compression for longer recording (depending on camera)
- Lean start-up in just a few minutes directly using a monitor or a PC/browser and the free ABUS IP Installer software (searches the network for IP addresses of connected devices)
- Established user interface for configuration (motion detection, schedules, etc.); alarm as needed via warning tone on the NVR, (on-screen display/OSD signal), e-mail and/or push notification to the app
- Easy integration into a server rack (standard height 1U) by means of a shelf (accessory); place on a flat surface as

required, e.g. near the monitor from which users operate the recorder (quiet operation, without fan)
- Practical management for multiple recorders on a central PC via free Central Monitoring Station software (ABUS CMS); up to 256 recorders and 1,024 cameras, if needed in a technology mix (IP, analogue HD)
- Easy mobile access to live stream and recordings with smartphone/tablet via ABUS Link Station app

Technical data - ABUS Analogue HD/6-Channel Hybrid Video Recorder

Alarming	Acoustic warning signal, OSD signal, e-mail, App Push
Audio input	1x Cinch (2.0Vp-p, 1KΩ)
Audio output	1x Cinch (Line, 1KΩ)
Battery - GRS type	CR1220
Battery - quantity	1
Compatible with ABUS Link Station	Yes
Compatible with Secoris	No
Compatible with Secvest	No
Compatible with Smartvest	No
Compatible with wAppLoxx	No
DC voltage supply	12 V
Gross weight	2,9 kg
HD-TVI video channels	4
Height	48 mm
Housing	1U Chassis
Housing material	Metal, Plastic
IP video channels	6
Length	240 mm
Max. humidity	90 %
Max. operating temperature	55 °C
Max. resolution @ frame rate	TVI: 5 MPx (2960 x 1665) @ 20 fps ~ 720p @ 25/30fps, AHD/CVI: 5 MPx (2592 x 1944) @ 20 fps ~ 720p @ 25/30fps, CVBS: PAL/NTSC
Min. operating temperature	-10 °C
Net weight	1,1 kg
Network access	1x RJ-45 10/100/1000 Mbit/s self-adaptive Ethernet Interface
Network protocols	TCP/IP, DHCP, DNS, DDNS, NTP, SMTP, RTSP, NFS, UPnP™, HTTPS, ABUS Server
OSD language	DE, UK, FR, NL, DK, IT, PL, ES, SE
PSTI conformity given	Yes
PSTI conformity required	Yes
Power	18
Product security updates at least until	2026-12-31

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Recording modes	Manual, time schedule, motion detection, alarm, VCA
Recording resolution @ frame rate per camera	5 MPx @ 20 fps ~ 720p @ 25/30fps
Resolution HDMI output	1920 × 1080 / 60Hz, 1280 × 1024 / 60Hz, 1280 × 720 / 60Hz, 1024 × 768 / 60Hz
Resolution VGA output	1920 × 1080 / 60Hz, 1280 × 1024 / 60Hz, 1280 × 720 / 60Hz, 1024 × 768 / 60Hz
Software	ABUS Link Station App (iOS & Android) / IP Installer
Storage medium	1x SATA interface (3,5" HDD, max. 10 TB) / NAS
Supported IP cameras	ABUS IP cameras up to 8 Mpx
Supported browsers	Chrome, Edge, IE11 (Plugin)
Synchronous playback	4
Technology	Analogue HD
Total network throughput (input/output)	72 MBit/s (24 MBits/48 MBits)
Total video channels	6
USB connection	2x USB 2.0
Video Content Analysis (VCA)	Via NVR: 4 channel (TVI) motion detection (person/vehicle) or 2 channel VCA (Intr. Det., Tripwire with person/vehicle), face search
Video compression	H.264 / H.264 Plus / H.265 / H.265 Plus
Video input	4x BNC (1.0Vs-s, 75Ω)
Width	315 mm