

TVHD80010

8-channel HD-SDI digital recorder

The trend toward HD-SDI is in full swing: video images in HD 1080p resolution via coaxial cable

This recorder is the recording solution for HD-SDI surveillance cameras. Recording and playback of the image data is in 1080p resolution and in real time for every channel. HD-SDI cameras are connected using coaxial cables, making the laying of cables as easy as with a conventional analog system. The fine difference: HD 1080p provides five times more resolution than standard quality; in addition to brilliant image results, this increase in detail also offers potential for savings: 4 HD-SDI cameras cover a surveillance area for which more than 10 standard cameras would be needed.

Thanks to H.264 compression, the HD image data takes up minimal storage space and is optimized for the network stream (remote access). With up to 8 hard drives, the recorder offers a maximum storage capacity of 16 TB. Recording is started manually, according to a schedule, when motion is detected, when an alarm sensor is triggered, or through a combination of modes. Thanks to its triplex mode, live cast, playback, and data export are possible at the same time. Data can be easily saved via USB or the network. Recordings can be viewed on the LAN or worldwide over the Internet (support for dynamic IP addresses).

In spite of the wide range of functions, the recorder is easy to operate: the status light shows the recorder status at all times: recording, guard mode (schedule active, no recording), ready for operation, or error. Each button on the camera also indicates whether a camera is connected and whether the channel is recording. All you need to do is glance at the display – there is no need to check the status on the screen. Using the jog/shuttle controller or the search function (by event, date, time), you can quickly find any recording you would like. A mouse for operating the on-screen display is included in the scope of delivery.



Product highlights:

- Realtime recording at HD-resolution (1080p)
- Storage of maximum 32 TB (8 x 4 TB HDDs) + 1 eSATA
- Installation wizard for an uncomplicated first use
- Memory-efficient H.264 data compression
- Video & audio recording
- Worldwide access by network
- Status LED displays recorder status

Your Partner:
ABUS-TEST
Linker Kreuthweg 5
86444 Affing
+49 (8207) 959900

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Technical Data			
Video compression	H.264	Control	Mouse, remote control (not scope of delivery)
Hybrid capability	No	Software	ABUS CMS Software
Camera inputs	8 x HD-SDI	OSD languages	German, English, French, Dutch, Danish, Czech, Polish, Spanish
Camera outputs	–	Power supply	100~240 VAC
Monitor outputs	1 x BNC, 1 x VGA, 1 x HDMI	Power consumption	<55W (excluding hard disk)
Operating mode	Triplex	Operating temperature	–10°C ~ 55°C
Resolution (live view)	HDMI: 1920*1080/60Hz(1080P),1600×1200/60Hz, 1280*1024/60Hz, 1280*720/60Hz1024*768/60Hz – VGA: 1920*1080/60Hz(1080P),1600×1200/60Hz, 1280*1024/60Hz, 1280*720/60Hz1024*768/60Hz – BNC Output: PAL: 704×576, NTSC: 704×480	Dimensions (WxHxD)	450 x 90 x 441 mm
Resolution @ image rate per camera (recording)	352 x 288 @ 25 fps, 704 x 576 @ 25 fps, 1280 x 720 @ 25 fps, 1920 x 1080 @ 25 fps	Weight	8 kg excluding hard disk
Overall image rate	PAL: 100 fps, NTSC: 120 fps	Certifications	CE
Compression levels	6		
Pre-/post-alarm storage	0~30 sec. / 5 – 900 sec.		
Storage medium	8 x SATA HDD		
Data backup	3 x USB 2.0		
Views	1 / 4 / 6 / 8 / 9		
Recording modes	Manual, Schedule, Motion detection, Alarm, Motion detection and Alarm, Motion detection or Alarm		
Search modes	By event, date & time		
Alarm inputs (NO/NC)	16		
Relay output	4 (Loading capacity: 12VDC/1A)		
User levels	2 (max. 31 users)		
Network connection	2 x RJ45 10/100/1000 Mbps		
Simultaneous network access	64 camera connections		
Network functions	Live view, Playback, Data export, Settings		
DDNS	Yes		
NTP	Yes		
PTZ control	RS-485		
PTZ protocols	PELCO-D, PELCO-P, Samsung, LG-MULTIX		
Alarms	Acoustic warning signal, OSD signal, e-mail		
Audio	Audio In: 8 x Cinch (2.0 V p-p, 1000) Line In: 1 x Cinch (2.0 V p-p, 1000) – only for network transmission Audio Out: 1 x Cinch (600)		

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