

# 4-Channel Digital Recorder

Art. no. TVVR30004

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- 4-channel digital recorder for individual configuration
  - Up to 4 analogue ABUS camera types can be integrated. We recommend: TVCC34010 and TVCC40010
  - Saving to 2.5" hard disk drive possible (hard disk drive not included)
  - Internet and mobile access to live pictures and recordings
  - Simple and intuitive operation
  - Recording triggered by motion detection, schedule or permanent
  - 2 USB interfaces for quick and simple storing of important recordings
  - Detailed high-resolution analogue recording in real time
  - Mobile access using the ABUS iDVR app
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## Individual configuration – intuitive operation

The 4-channel digital recorder with H.264 compression records video images in real time and at full resolution (100fps@4CIF). The recorder has a VGA connection so that the images can be viewed on any display device (e.g. monitor). Even beginners can easily set up the system – simply connect the cameras and monitor and you are done. Operation is intuitive and controlled by mouse. The compact size (only 20.0 x 5.0 x 20.0 cm) means it is also ideal for use in areas with limited space, such as underneath a counter.

## State-of-the-art recording technology

The DVR saves and archives images from up to 4 analogue cameras on a 2.5" SATA hard drive (up to 4 TB). The images from each camera are recorded in up to 960H resolution (960 x 576 pixels) – all in real time at 25 frames per second for each camera. Thanks to the highly-efficient H.264 compression, video images are saved in optimum quality, take up little storage capacity and are ideally suited for network access.

Recording is started manually, according to a schedule, or through motion detection as required. Data is exported quickly via the two integrated USB ports. The live view, playback and data export can be carried out simultaneously (Triplex operation).

## Worldwide access to video data via LAN and WLAN

Modern network technology allows image data to be accessed via internet anywhere in the world. With an Ethernet connection, H.264 compression and support for dynamic DNS addresses (DynDNS), the compact DVR recorder is the ideal platform for integrating up to four analogue cameras in a digital network – you can also easily access your surveillance data externally using DynDNS.

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## Technical Data:

Total network throughput (input/output)	( -/60 Mbits)
Total frame rate	100 fps
Dimensions	200 x 45 x 200 mm (W x H x D) mm
Alarming	Acoustic warning, OSD signal, e-mail
Views	1 / 4
Recording resolution @ frame rate per camera	WD1, 4CIF, 2CIF, CIF, QCIF @ 25fps
Live view resolution	VGA: 1080P: 1920*1080/60Hz, 1280*1024/60Hz, 720P: 1280*720/60Hz□1024*768/60Hz, BNC Output: PAL: 704×576, NTSC: 704×480
Recording modes	Manual, schedule, motion detection
User levels	2
Operating mode	triplex
Width	200 mm
Storage	1 x USB 2.0
DDNS	Yes
Total frame rate (PAL)	25
Simultaneous network access	128 camera connections
Height	45 mm
Compression levels	6
Length	200 mm
Power consumption	<13 W (without HDD) W
Max. operating temperature	+ 55 °C

Min. operating temperature	- 10 °C
Monitor outputs	1 x BNC (1.0 Vp-p, 75 ohm), 1 x VGA
Net weight	0.8 kg
Network access	1 x RJ45 10/100 Mbps
Network functions	Live view, playback, data export
NTP	Yes
DC voltage supply	12 VDC V
Storage medium	1 x 2,5" SATA HDD
OSD language	German, English, French, Dutch, Danish, Italian, Polish, Spanish, Swedish, Russian
Control	USB mouse
Power consumption	1,5 A mA
Search modes	By event, date and time, smart search
Analog video channels	4
Video compression	H.264
Pre-alarm/post-alarm memory	0–30 sec. / 5–900 sec. s