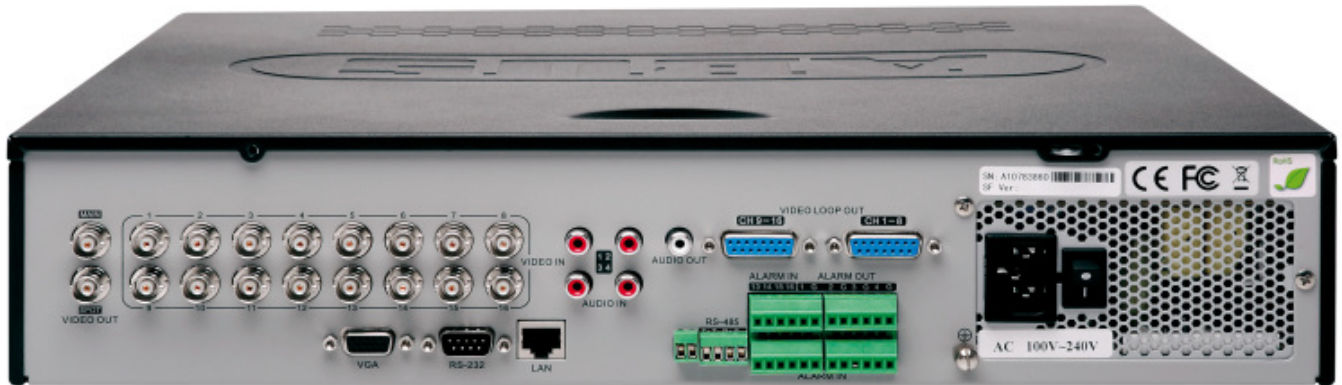


4-channel realtime digital video recorder

Art. no. TVVR41100

Page 1 of 2



- Real-time recording at full resolution: 4CIF @ 25 fps
- Status LED indicates the status of the recorder
- H.264 data compression – effective use of storage space
- Up to 2 x SATA hard drives can be connected
- Video & audio recording
- Network connection for worldwide access

The powerful yet extremely user-friendly 4-channel digital recorder (DVR) can store and archive images from up to 4 cameras on hard disk using H.264 compression technology. Status lights show if the DVR is currently recording, in guard mode (schedule active but not recording), operational or if there is a fault. You can check if everything is working at a glance as you pass.

Installation is very simple: connect the cameras to the video input, connect a monitor to the video output and that's it. The analog video signals are compressed using H.264 technology and stored in superb quality. The image data takes up little storage space and is ideal for network streaming (data access via LAN/Internet). The DSP technology with optimized hardware and software components ensures maximum image quality even with strong compression and provides for ultimate operational reliability.

The recorder is designed for 2 S-ATA hard disks (not included). All camera recordings can be setup from CIF (352 x 288 pixels) per camera to 4CIF (704 x 576 pixels) at 25 frames per second. Recording can be started manually, according to schedule, on motion detection in the field of view, by triggering an alarm sensor or by a combination of individual modes. You can connect appropriately wired sensors (NO or NC) via 16 alarm inputs. 4 relay outputs can be used to control signal transmitters etc. in the event of an alarm. PTZ cameras can be controlled via an RS-485 interface.

The recorder offers triplex operation i.e. live view, playback and data export at the same time. Data backup is simply done using 2 USB connections or a network connection. Thanks to support of dynamic IP addresses, you can access your recorder at any time while you are on the road. It is easy to use the jog shuttle to find the recording position you are looking for, or you can use the search function to search by event, date and time. A mouse for operating the recorder is included in the scope of delivery.

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Page 2 of 2

Technical Data:

Compliant with loi Sarkozy (FR only)	Yes
Dimensions	450 x 90 x 441 mm
Alarm inputs (NO/NC)	4
Alarming	Acoustic warning signal, OSD signal, e-mail
Views	1 / 4
Audio	Audio In: 4 x Cinch (2,0 V p-p, 1000 Ω), Line In: 1 x Cinch (2,0 V p-p, 1000 Ω) - nur für Netzwerkübertragung, Audio Out: 1 x Cinch (600 Ω)
Recording resolution @ frame rate per camera (NTSC)	352 x 288 @ 30 fps, 704 x 288 @ 30 fps, 704 x 576 @ 30 fps
Recording resolution @ frame rate per camera (PAL)	352 x 288 (CIF) @ 25 fps, 704 x 288 (2CHIF) @ 25 fps, 704 x 576 (4CHIF) @ 25 fps
Recording modes	Manual, schedule, motion detection, alarm, motion detection and alarm, motion detection or alarm
Recording duration at max. resolution and frame rate	247 hours/TB
Recording duration at min. resolution and frame rate	989 hours/TB
Operating mode	Triplex
Width	450 mm
Storage	3 x USB 2.0
DDNS	Yes
Total frame rate (NTSC)	120
Total frame rate (PAL)	100
Simultaneous network access	24 camera connections
Height	90 mm
Hybrid-enabled	No
Camera inputs	4 x BNC (1.0 V p-p, 75 Ω)
Analog compression levels	6
Length	441 mm

Power consumption	<10 (without HDD) W
Max. operating temperature	55 °C
Min. operating temperature	-10 °C
Monitor outputs	Monitor: 1 x BNC (1,0 V p-p, 75 Ω), 1 x VGA; Spot: 1 x BNC (1,0 V p-p, 75 Ω)
Net weight	8 kg
Network access	RJ45 10/100 Mbps
Network functions	Live view, playback, data export, settings
NTP	Yes
PTZ protocols	PELCO-D, PELCO-P, Samsung, LG-MULTIX
PTZ control	RS-485
Relay output	1 (Loading capacity: 12VDC/1A)
Software	ABUS CMS software
AC voltage supply	100~240 V
Storage medium	2 x S-ATA HDD ports
OSD language	German, English, French, Dutch, Danish
Control	Mouse, remote control (not included)
Search modes	By event, date & time
Analog video channels	4
Total video channels	4
HD-SDI video channels	0
IP video channels	0
Video compression	H.264
Pre-alarm/post-alarm memory	0~30 sec. / 5 - 900 sec. s
Certifications	CE