

# Video Security

Recorders | eneo Digital Video Recorders

## BTR-3104/500CD

Digital Video Recorder (4-Channels),  
500GB HDD, CD-RW Drive, Ethernet, 230VAC

Art-No. 71990



## Features

4-Channel Video, VGA/Comp. Outputs, Alarm In/Out  
Triplex Operation

JPEG2000 Video Compression/H.264 Network

Recording Speed: 200 Fields/Sec. max. (PAL)

Video Resolution 720x288 Pixels max.

500Gbyte SATA HDDs (2x 250GB)

Recording Modes: Time, Motion, Alarm and Emergency

Secondary Storage / Archiving via USB and CD-RW

Multiple Language On-screen Menu Control

RS-232/RS-485 Ports (PC and Telemetry Control)

Ethernet Connectivity (Remote Viewer Program incl)

Indication of Recording Capacity (hrs.)

## Specifications

Operation mode	triplex
Video standard	PAL/NTSC (automatic selection)
Video inputs (amount)	4
Video inputs	4x 1Vp-p, (C)VBS, BNC (75ohms termination or loop-through)
Main exits	CVBS, VGA
Video outputs	1Vp-p (C)VBS, (PAL: 50 Fps., NTSC: 60Fps.), 75ohms, BNC VGA
Spot monitor	CVBS
Audio inputs	no
Alarm inputs	4 inputs NO/NC, selectable
Activity detection	Programmable 16x12 (192) masking grid, 4 levels of sensitivity
Alarm outputs	NO/NC contact
Max. recording resolution	720 x 288 (PAL)
Compression standard	JPEG-2000, (Recording), H.264 (Network streaming)
Image size	Basic: 14kB, Normal: 19kB, Enhanced: 24kB, Fine: 29kB, Super fine: 32kB (at 720x288 Px.)
Max. recording rate	200HB/Sek.

## BTR-3104/500CD

(Specifications continued)

<b>Recording speed</b>	200 Fields/sec. at 360x144 Px., 100 Fields/sec. at 360x288 Px., 50 Fields/sec. at 720x288 Px. (PAL)
<b>Digital storage media</b>	SATA HDD, Built-in CD-RW
<b>Max. harddisk capacity (internal)</b>	1000GB
<b>Harddisk capacity (internal)</b>	500GB
<b>Playback</b>	Full, 4-channel split, PIP, Sequence, Digital Zoom, Frozen picture (in Live mode)
<b>Zoom function</b>	2x
<b>Intergrated writer</b>	CD
<b>Secondary Storage</b>	2x USB 1.1 A&B interface, CD writer. Network data export: AVI & JPG
<b>Control units (external)</b>	remote control, mouse
<b>Remote access</b>	remote software
<b>Remote Software</b>	Available (supplid with the unit)
<b>Search function</b>	via timet, data and event (by Jog Shuttle)
<b>Menu languages</b>	German, English, Spanish, French, Italian, Portuguese, Dutch, Danish, Estonian, Lithuanian
<b>Ethernet interface</b>	10Base-T/100-Base-TX, RJ-45
<b>Interfaces external storage</b>	USB
<b>Backup</b>	USB Stick up to 2GB
<b>Serial interfaces</b>	RS-232, RS-485, (PTZ control), RS-232C (PC)
<b>Security</b>	Key lock, 64 user groups access rights programmable for each group (up to 256 user)
<b>Supply voltage</b>	100VAC~230VAC, 50/60Hz
<b>Power consumption</b>	80watts
<b>Temperature range (Operation)</b>	+5°C ~ +40°C
<b>Housing</b>	Steel metal with plastic front, desktop design
<b>Colour</b>	black
<b>Dimensions (HxWxD)</b>	88x436x396mm
<b>Weight</b>	8.5kg
<b>Parts supplied</b>	Mouse, IR Remote control, Power supply unit, 19" rack mount kit, Remote Viewer Software, Manual
<b>Special features</b>	Indication of remaining memory capacity ( in hours). Displayed in the setup menu

## Product Information

Enhanced Viewer Software included. Features: limited DVR Setup. Backup: File export to local PC by Network (JPEG-2000). Transmitter: DVR remote control by virtual push buttons (Image transmission by H.264 compression). CMS: JPEG-2000 compression, Set-up of different groups and site maps, Event list, PTZ control, Drag&drop function for single cameras (Live), Playback with search function (by time & event)

VIDEOR TECHNICAL E. Hartig GmbH  
Carl-Zeiss-Straße 8 · 63322 Rödermark · Germany  
Telefon +49 (0) 60 74/8 88-0 · Telefax +49 (0) 60 74/8 88-100  
info@videortechnical.com · www.videortechnical.com

