



# AHD Recorder

## NHDR-3104AHD



### FUNCTIONS



### COMPATIBILITY



### KEY FEATURES

- Video channels: 4, audio channels: 4
- Recording speed up to 100 fps \*\*
- Internal HDDs mount: up to 1
- Monitor outputs (main): 2
- Advanced network software
- Ready to use - HDD in-set included
- Supports 700 TVL analog cameras (960H)
- Supports HD analog cameras (720p)

### DIMENSIONS



Video	
Video Input	4 x BNC loop-through
Monitor Output	main (split screen, full screen, sequence): 1 x HDMI (FullHD), 1 x VGA (FullHD)
Audio	
Audio Input/Output	4 x RCA (Line-in)/1 x HDMI, 1 x RCA
Recording	
Compression	H.264
Recording Speed **	100 fps (464 x 288), 100 fps (928 x 288), 100 fps (928 x 576), 100 fps (1280 x 720)
Recording Mode	continuous, triggered by: REC/PANIC button, motion detection
Schedule	individual settings for: each camera, each day of the week, configuration with an accuracy of: 30 min, possibility of combining individual recording modes
Prealarm/postalarm	up to 3 s/up to 5 min
Playback	
Playback Speed	60 fps
Recorded Data Search	by date/time, events, object appearance/disappearance
Backup	
Backup Methods	USB port (HDD or Flash memory), network
Backup File Format	BMP, AVI, H264
Storage	
Internal storage	available mount: 1 x HDD 3.5" SATA ***
Total Internal Capacity	4 TB
Alarm	
System Reaction to Alarm Events	buzzer, e-mail, screen message, recording activation
Network	
Network Interface	1 x Ethernet - RJ-45 interface, 10/100 Mbit/s
PC/MAC Software	NHDR-5000 Viewer/-
Mobile applications	RxCamLink (iPhone, Android)
Number of Simultaneous Connections	up to 3 (live monitoring: 3, playback: 3, configuration: 3)
PTZ	
PTZ Ports	1 x RS-485
PTZ Protocols	Pelco-D, Pelco-P
PTZ Functions	pan/tilt/zoom, preset commands, patterns
Auxiliary Interfaces	
USB Ports	2 x USB 2.0,
Operating system	
Operating System	Linux
Operation Mode	quadplex
OSD	languages: Polish, English
Control	front panel, PC mouse and IR remote controller (in-set included), network
System Diagnostic	automatic control of: HDDs
Installation parameters	
Dimensions (mm)	300 (W) x 53 (H) x 227 (D)
Weight	1.1 kg (without HDD)
Power Supply	12 VDC (100 ~ 240 VAC/12 VDC PSU in-set included)
Power Consumption	20 W (with 1 HDD)
Operating Temperature	-10°C ~ 45°C

\* Support both high definition analog cameras (720p) and standard resolution cameras (960H). Detailed information in user's manual.

\*\* Recording is limited to 15 fps per channel during playback.

\*\*\* List of compatible HDD models and maximum of their capacities is available in section DOWNLOADABLE FILES.