

Multistandard AHD Recorder NHDR-4M5304AHD

5000
AHD SERIES



KEY FEATURES



- Video channels: 4, audio channels: 4
- Recording speed: up to 100 fps (AHD), up to 150 fps (IP)
- Internal HDDs mount: up to 1
- Monitor outputs (main): 2
- Supports HD analog cameras (720p, 1080p, 4MPX, 5MPX)
- Supports AHD, TVI, CVI cameras
- IP cameras support (hybrid mode)
- Intelligent image analysis
- PIR cameras support

DIMENSIONS



VIDEO

Video Input	4 x BNC
Operating mode	AHD 5Mpx, TVI 1080p, CVI 1080p, analog 960H
Monitor Output	main (split screen, full screen, sequence): 1 x HDMI (FullHD), 1 x VGA (FullHD)
IP Streams	DVR mode: 4 x BNC + 0 x IP • hybrid mode: 4 x BNC + 2 x IP • IP mode: 0 x BNC + 6 x IP
Supported IP resolution	max. 2688 x 1520

AUDIO

Audio Input/Output	4 x RCA (Line-in)/1 x HDMI, 1 x RCA
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RECORDING

Compression	H.264
Recording Speed	100 fps (960 x 576 - 960H) • 100 fps (1280 x 720 - HD) • 100 fps (1920 x 1080 - FullHD) • 60 fps (2560 x 1440 - 4Mpx) • 40 fps (2560 x 1944 - 5Mpx)
IP recording speed	hybrid mode: 50fps • IP mode: 150fps
IP stream size	hybrid mode: 16 Mb/s in total from all IP cameras • IP mode: 48 Mb/s in total from all IP cameras
Recording Mode	continuous, triggered by: REC/PANIC button, alarm input, motion detection, PIR alarm, image analysis
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	100 fps
IP playback speed	100 fps
Recorded Data Search	by date/time, events, object appearance/disappearance, image analysis events

BACKUP

Backup Methods	DVD (option), USB port (HDD or Flash memory), network
Backup File Format	BMP, MP4, AVI, H264

STORAGE

Internal storage	available mount: 1 x HDD 3.5" SATA
Total Internal Capacity	8 TB
External storage	1 x eSATA
Total External Capacity	24 TB

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ALARM

Alarm Input/Output	4/1 relay type
Motion Detection	36 x 44 grid, individual settings of sensitivity, PIR cameras support
System Reaction to Alarm Events	buzzer, e-mail, alarm output activation, screen message, recording activation, PTZ

INTELLIGENT IMAGE ANALYSIS

Supported functions	Object detection, Line cross, Zone entrance
Number of channels	1 x BNC, 6 x IP (2000 and 4000 Serie)

NETWORK

Network Interface	1 x Ethernet - RJ-45 interface, 10/100 Mbit/s
PC/MAC Software	NMS, Internet Explorer, NHDR-5000 Viewer/Safari, NHDR-5000 Viewer
Mobile applications	RxCamView (iPhone, Android)
Number of Simultaneous Connections	up to 5 (live monitoring: 5, playback: 1, configuration: 5)
Bandwidth	32 Mb/s in total to all client workstations

PTZ

PTZ Ports	1 x RS-485
PTZ Protocols	Pelco-D, Pelco-P
PTZ Functions	pan/tilt/zoom, preset commands, patterns

COAX

COAX Functions	menu, zoom, focus, PTZ
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AUXILIARY INTERFACES

USB Ports	2 x USB 2.0
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OPERATING SYSTEM

Operating System	Linux
OSD	languages: Polish, English, Russian, others
Control	front panel, PC mouse and IR remote controller (in-set included), network, NV-KBD50 keyboard
System Diagnostic	automatic control of: HDDs, camera connection loss

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

Recording speed may be limited during playback in hybrid mode.
List of compatible HDD models and maximum of their capacities is available in section **DOWNLOADABLE FILES**.