

AHD Recorder NHDR-5316AHD

5000
AHD SERIES



KEY FEATURES



- Video channels: 16, audio channels: 16
- Recording speed: up to 400 fps (AHD), up to 200 fps (IP)
- Internal HDDs mount: up to 2
- Monitor outputs: 2 (2 x main, 1 x spot)
- Advanced network software
- Supports 700 TVL analog cameras (960H)
- Supports HD analog cameras (720p, 1080p)
- IP cameras support (hybrid mode)

COMPLIANCE



DIMENSIONS



VIDEO

Video Input	16 x BNC
Monitor Output	main (split screen, full screen, sequence): 1 x HDMI (4K UltraHD), 1 x VGA (FullHD) • spot: 1 x VGA (HD) interchangeably to main output
IP Streams	DVR mode: 16 x BNC + 0 x IP • hybrid mode: 16 x BNC + 8 x IP
Supported IP resolution	max. 2688 x 1520

AUDIO

Audio Input/Output	16 x RCA (Line-in)/1 x HDMI, 1 x RCA
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RECORDING

Compression	H.264
Recording Speed	400 fps (960 x 576 - 960H) • 400 fps (1280 x 720 - HD) • 400 fps (1920 x 1080 - FullHD)
IP recording speed	hybrid mode: 200fps
IP stream size	hybrid mode: 128 Mb/s in total from all IP cameras
Recording Mode	continuous, triggered by: REC/PANIC button, alarm input, 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	400 fps
IP playback speed	200 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, MP4, AVI, H264

STORAGE

Internal storage	available mount: 2 x HDD 3.5" SATA
Total Internal Capacity	12 TB

ALARM

Alarm Input/Output	16/1 relay type
System Reaction to Alarm Events	buzzer, e-mail, alarm output activation, screen message, recording activation

NETWORK

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Network Interface	1 x Ethernet - RJ-45 interface, 10/100/1000 Mbit/s
PC/MAC Software	NMS, Internet Explorer, NHDR-5000 Viewer, Firefox, Opera/Safari
Mobile applications	RxCamView (iPhone, Android)
Number of Simultaneous Connections	up to 5 (live monitoring: 5, playback: 1, configuration: 5)
Bandwidth	128 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)	380 (W) x 50 (H) x 340 (D)
Weight	1.5 kg (without HDDs)
Power Supply	12 VDC (100 ~ 240 VAC/12 VDC PSU in-set included)
Power Consumption	30 W (with 2 HDDs)
Operating Temperature	-10°C ~ 45°C

Support both high definition analog cameras (720p, 1080p) and standard resolution cameras (960H).
List of compatible HDD models and maximum of their capacities is available in section **DOWNLOADABLE FILES**.