NOVUS

Multistandard AHD Recorder

NHDR-4M5308AHD





KEY FEATURES











- •Video channels: 8, audio channels: 8
- Recording speed: up to 200 fps (AHD), up to 300 fps (IP)
- •Internal HDDs mount: up to 2
- •Monitor outputs: 2 (2 x main, 1 x spot)
- •Supports HD analog cameras (720p, 1080p, 4MPX, 5MPX)
- •Supports AHD, TVI, CVI cameras
- •IP cameras support (hybrid mode)
- •Intelligent image analysis
- $\bullet {\sf PIR} {\sf \ cameras \ support}$

DIMENSIONS



VIDEO

Video Input	8 x BNC
Operating mode	AHD 5Mpx, TVI 1080p, CVI 1080p, analog 960H
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: $8 \times BNC + 0 \times IP \cdot hybrid mode: 8 \times BNC + 4 \times IP \cdot IP mode: 0 \times BNC + 12 \times IP$
Supported IP resolution	max. 2688 x 1520
AUDIO	
Audio Input/Output	8 x RCA (Line-in)/1 x HDMI, 1 x RCA
RECORDING	
Compression	H.264
Recording Speed	200 fps (960 x 576 - 960H) • 200 fps (1280 x 720 - HD) • 200 fps (1920 x 1080 - FullHD) • 120 fps (2560 x 1440 - 4Mpx) • 96 fps (2560 x 1944 - 5Mpx)
IP recording speed	hybrid mode: 100fps • IP mode: 300fps
IP stream size	hybrid mode: 32 Mb/s in total from all IP cameras • IP mode: 96 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	200 fps
IP playback speed	200 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: 2 x HDD 3.5" SATA
Total Internal Capacity	16 TB
External storage	1 x eSATA
Total External Capacity	24 TB







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Alarm Input/Output	8/1 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 ANALYS	IS
Supported functions	Object detection, Line cross, Zone entrance
Number of channels	1 x BNC, 12 x IP (2000 and 4000 Serie)
NETWORK	
Network Interface	1 x Ethernet - RJ-45 interface, 10/100/1000 Mbit/s
PC/MAC Software	NMS, Internet Explorer, NHDR-5000 Viewer/Safari, NHDR-5000 Viewe
Mobile applications	RxCamView (iPhone, Android)
Number of Simultaneous Connection	nsup to 5 (live monitoring: 5, playback: 1, configuration: 5)
Bandwidth	64 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
AUXILIARY INTERFACES	
USB Ports	1 x USB 2.0, 1 x USB 3.0,
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

Operating Temperature

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

One of the functions: SPOT monitor, POS, inteligent analysis, can be switched on at once.

-10°C ~ 45°C

30 W (with 2 HDDs)



