NOVUS

Multistandard AHD Recorder

NHDR-6008-H1





KEY FEATURES













- •Video channels: 8, audio channels: 1
- \bullet Recording speed: up to 240 fps (AHD), up to 360 fps (IP)
- •Internal HDDs mount: up to 1
- •Monitor outputs: 3 (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

DIMENSIONS







VIDEO

Video Input	8 x BNC
Operating mode	AHD 5Mpx, TVI 5Mpx, CVI 5Mpx, analog 960H
Monitor Output	main (split screen, full screen, sequence): 1 x HDMI (FullHD), 1 x VGA (FullHD), 1 x BNC \bullet spot: 1 x BNC interchangeably to main output
IP Streams	hybrid mode: 8 x BNC + 4 x IP • IP mode: 0 x BNC + 12 x IP
Supported IP resolution	max. 2592 x 1944
AUDIO	

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

RECORDING

Compression	H.264, H.265
Recording Speed	240 fps (1280 x 720 - HD) • 240 fps (960 x 1080 - 1080p Lite) • 120 fps (1920 x 1080 - FullHD) • 120 fps (1280 x 1440 - 4Mpx Lite) • 80 fps (1280 x 1944 - 5Mpx Lite)
IP recording speed	hybrid mode: 120fps • IP mode: 360fps
IP stream size	hybrid mode: 32 Mb/s in total from all IP cameras • IP mode: 60 Mb/s in total from all IP cameras
Recording Mode	continuous, triggered by: REC/PANIC button, alarm input, motion detection, image analysis
Schedule	individual settings for: each camera, each day of the week,

configuration with an accuracy of: 1 min, possibility of combining

PLAYBACK

Prealarm/postalarm

Playback speed	240 fps
IP playback speed	240 fps
Recorded Data Search	by date/time, events, image analysis events, motion in a defined area, tags

individual recording modes

up to 5 s/up to 10 min

BACKUP

Motion Detection

STORAGE	
Backup File Format	AVI, RPAS (player included)
Backup Methods	USB port (HDD or Flash memory), network

STORAGE		
Internal storage	available mount: 1 x HDD 3.5" SATA	
Total Internal Capacity	8 TB	
ALARM		

18 x 22 grid, individual settings of sensitivity







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System Reaction to Alarm Events buzzer, e-mail, recording activation, PTZ, Full Screen

Supported functions for analog cameras	Line cross, Zone entrance
Supported functions for IP cameras	Object detection, Exception, Line cross, Zone entrance
NETWORK	
Network Interface	1 x Ethernet - RJ-45 interface, 10/100 Mbit/s
Network Protocols Support	HTTP, TCP/IP, IPv4, HTTPS, FTP, DHCP, DNS, DDNS, NTP, RTSP, UPnP, PPPoE, SMTP, P2P
PC/MAC Software	NMS, Internet Explorer, NVR-6000 Viewer, N Control 6000/N Control 6000
Mobile applications	SuperLive Plus (iPhone, Android)
Number of Simultaneous Connection	nsup to 5 (live monitoring: 5, playback: 5, configuration: 5) , live monitoring up to 16 mainstreams, 48 substreams, playback up to 8 streams
Bandwidth	60 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	2 x USB 2.0,
OPERATING SYSTEM	
Operating System	Linux
OSD	languages: Polish, English, Russian, others
Control	IR remote controller, PC mouse (in-set included), network
System Diagnostic	automatic control of: HDDs, camera connection loss
Security	password protection, IP filtering
INSTALLATION PARAMETERS	
Dimensions (mm)	255 (W) x 42 (H) x 233 (D)
Weight	0.77 kg (without HDD)
Power Supply	12 VDC (100 ~ 240 VAC/12 VDC PSU in-set included)

The recorder is dedicated to work with AHD cameras, Novus 3000 and 6000 series IP cameras and achieves the best functionality with them. In case of work with IP cameras intelligent image analysis, dualstream mode, PTZ control, motion detection and alarm inputs / outputs functions depend on the functionality of the IP camera and the capabilities of the communication protocol. Detailed data on camera compatibility with recorders and compatible hard drives can be found in the compatibility tables available in the DOWNLOADABLE FILES tab.

20 W (with 1 HDD)

-10°C ~ 50°C

Display and playback speeds are achieved using dual stream.

Power Consumption

Operating Temperature

The recording speed of analog cameras may be limited during playback.



