NOVUS

Multistandard AHD Recorder

NHDR-6008A-H1-II





KEY FEATURES



















- •Video channels: 8, audio channels: 1
- •Recording speed: up to 240 fps (AHD), up to 120 fps
- •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

COMPATIBILITY



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	

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

RECORDING

RECORDING	
Compression	H.264, H.265, H.265+
Recording Speed	240 fps (960 x 576 - 960H) • 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

Recording Mode detection, image analysis

Schedule individual settings for: each camera, each day of the week, configuration with an accuracy of: 1 min, possibility of combining individual recording modes

up to 5 s/up to 10 min

PLAYBACK

Prealarm/postalarm

Playback speed	240 fps
IP playback speed	120 fps
Recorded Data Search	by date/time, events, image analysis events, motion in a defined area, tags

BACKIID

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

CTODACE

IP Camera Alarm Input/Output

STORAGE		
Internal storage	available mount: 1 x HDD 3.5" SATA	
Total Internal Capacity	10 TB	
ALARM		

supports IP camera's alarm input/output





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Motion Detection	18 x 22 grid, individual settings of sensitivity	
System Reaction to Alarm Events	buzzer, e-mail, alarm output activation, recording activation, PTZ, Full Screen	
INTELLIGENT IMAGE ANALYSI	s	
Number of channels	8 x BNC, 4 x IP (6000 Serie)	
Supported functions for analog cameras	Line cross, Zone entrance, Smart Motion Detection	
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/v6, HTTPS, FTP, DHCP, DNS, DDNS, NTP, RTSP, UPnP, SNMP, IEEE 802.1X, PPPoE, SMTP, P2P, POS, HTML5	
PC/MAC Software	NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, NMS, Internet Explorer, Firefox, Chrome, Opera, N Control 6000, Edge/Safari, N Control 6000	
Mobile applications	N-VID6 (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	a. Usp a a	
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, MAC 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)	
Power Consumption	20 W (with 1 HDD)	
Operating Temperature	-10°C ~ 50°C	







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The recorder is dedicated to work with AHD cameras, Novus 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.

Display and playback speeds are achieved using dual stream.

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



