NOVUS

Multistandard AHD Recorder

NHDR-4104AHD





KEY FEATURES





















- •Video channels: 4, audio channels: 4
- •Recording speed: up to 120 fps (AHD), up to 180 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



VIDEC

VIDEO		
Video Input	4 x BNC	
Operating mode	AHD 5Mpx, TVI 5Mpx, CVI 4Mpx, 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. 2592 x 1944	
AUDIO		
Audio Input/Output	4 x RCA (Line-in)/1 x HDMI, 1 x RCA	
RECORDING		
Compression	H.264, H.265	
Recording Speed	120 fps (1280 x 720 - HD) • 52 fps (1920 x 1080 - FullHD) • 56 fps	

Recording Speed	120 fps (1280 x 720 - HD) • 52 fps (1920 x 1080 - FullHD) • 56 fps (1280 x 1440 - 4Mpx Lite) • 48 fps (1280 x 1944 - 5Mpx Lite) • 24 fps (2560 x 1440 - 4Mpx)
IP recording speed	hybrid mode: 60fps • IP mode: 180fps

IP stream size	hybrid mode: 8 Mb/s in total from all IP cameras \bullet IP mode: 24 Mb/s total from all IP cameras
Recording Mode	continuous, triggered by: REC/PANIC button, alarm input, motion detection, PIR alarm

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

BACKUP

DACKOF		
Backup Methods	ethods USB port (HDD or Flash memory), network	
Backup File Format	JPG, BMP, PNG, MP4, AVI	
STORAGE		
Internal storage	available mount: 1 x HDD 3.5" SATA	

ALADM

Total Internal Capacity

ALARM		
Alarm Input/Output	4/1 relay type	

14 TB





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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, Full Screen, FTP picture upload, FTP video upload, picture to Cloud, video to Cloud	
INTELLIGENT IMAGE ANALYS	IS	
Supported functions	Exception, Line cross, Zone entrance, Abandoned object, Object disappearance, Face detection, Pedestrian detestion, Cross counting, Sound detection	
Number of channels	0 x BNC, 6 x IP (2000 and 4000 Serie)	
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, SNMP, SMTP, P2P	
PC/MAC Software	NMS, Internet Explorer, NHDR-5000 Viewer/NHDR-5000 Viewer	
Mobile applications	RxCamView (iPhone, Android)	
Number of Simultaneous Connection	nsup to 20 (live monitoring: 20, playback: 1, configuration: 20)	
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	
AUXILIARY INTERFACES		
USB Ports	2 x USB 2.0,	
OPERATING SYSTEM		
Operating System	Linux	
OSD	languages: Polish, English, Russian, others	
Control	PC mouse and IR remote controller (in-set included), network, NV-	
	KBD50 keyboard	
System Diagnostic		
System Diagnostic Security	KBD50 keyboard	
Security	KBD50 keyboard automatic control of: HDDs, camera connection loss password protection, IP filtering	
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Security INSTALLATION PARAMETERS	KBD50 keyboard automatic control of: HDDs, camera connection loss password protection, IP filtering	
Security INSTALLATION PARAMETERS Dimensions (mm)	KBD50 keyboard automatic control of: HDDs, camera connection loss password protection, IP filtering 300 (W) x 53 (H) x 227 (D)	
Security INSTALLATION PARAMETERS Dimensions (mm) Weight	KBD50 keyboard automatic control of: HDDs, camera connection loss password protection, IP filtering 300 (W) x 53 (H) x 227 (D) 1 kg (without HDD)	







Multistandard AHD Recorder NHDR-4104AHD

The recorder is dedicated to work with AHD cameras, Novus 2000 and 4000 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.



