# NOVUS

# Multistandard AHD Recorder





### **KEY FEATURES**







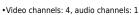












- •Recording speed: up to 120 fps (AHD), up to 60 fps (IP)
- •Internal HDDs mount: up to 1
- •Monitor outputs: 3 (2 x main, 1 x spot)
- •Supports HD analog cameras (720p, 1080p, 4MPX, 5MPX)
- •Supports AHD, TVI, CVI cameras
- •IP cameras support (hybrid mode)
- •Intelligent image analysis

## **COMPATIBILITY**



# **DIMENSIONS**



VIDEO		
Video Input	4 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 V (FullHD), 1 x BNC $\bullet$ spot: 1 x BNC interchangeably to main output (only analog cameras for spot display)	
IP Streams	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	1 x RCA (Line-in)/1 x HDMI, 1 x RCA	
RECORDING		
Compression	H.264, H.265	
Recording Speed	120 fps (1280 x 720 - HD) • 120 fps (960 x 1080 - 1080p Lite) • 60 fps (1920 x 1080 - FullHD) • 60 fps (1280 x 1440 - 4Mpx Lite) • 40 f (1280 x 1944 - 5Mpx Lite)	
IP recording speed	hybrid mode: 60fps • IP mode: 180fps	

# IP stream size hybrid mode: 16 Mb/s in total from all IP cameras • IP mode: 32 Mb/s

in total from all IP cameras Recording Mode continuous, triggered by: REC/PANIC button, 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 individual recording modes Prealarm/postalarm up to 5 s/up to 10 min

# **PLAYBACK**

Playback speed	120 fps
IP playback speed	60 fps
Recorded Data Search	by date/time, events, image analysis events, motion in a defined area, tags

### **BACKUP**

Backup Methods

Backup File Format	AVI, RPAS (player included)	
STORAGE		
Internal storage	available mount: 1 x HDD 3.5" SATA	
Total Internal Capacity	pacity 10 TB	

USB port (HDD or Flash memory), network

## **ALARM**

7.11.11.1		
Motion Detection	18 x 22 grid, individual settings of sensitivity	







# Multistandard AHD Recorder NHDR-6004-H1-II

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

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Number of channels	4 x BNC, 2 x IP (6000 Serie)	
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/v6, HTTPS, FTP, DHCP, DNS, DDNS, NTP, RTSP, UPnP, SNMP, PPPoE, SMTP, P2P, 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	usup to 5 (live monitoring: 5, playback: 5, configuration: 5) , live monitoring up to 10 mainstreams, 24 substreams, playback up to 5 streams	
Bandwidth	40 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, MAC filtering	
INSTALLATION PARAMETERS		
Dimensions (mm)	255 (W) x 42 (H) x 233 (D)	
Weight	0.69 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	







# Multistandard AHD Recorder NHDR-6004-H1-II

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.



