

## Multistandard AHD Recorder NHDR-6004-H1



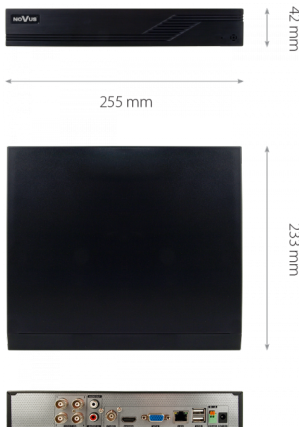
6000 VSS HYBRID

### KEY FEATURES



- Video channels: 4, audio channels: 1
- Recording speed: up to 120 fps (AHD), up to 180 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	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 VGA (FullHD), 1 x BNC • spot: 1 x BNC interchangeably to main output
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
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### 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 fps (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: 36 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	120 fps
Recorded Data Search	by date/time, events, image analysis events, motion in a defined area, tags

### BACKUP

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

### STORAGE

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

### ALARM

Motion Detection	18 x 22 grid, individual settings of sensitivity
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# Multistandard AHD Recorder

## NHDR-6004-H1

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

### INTELLIGENT IMAGE ANALYSIS

Supported functions for analog cameras    Line cross, Zone entrance

Supported functions for IP cameras    Object detection, Exception, Zone entrance, Cross counting

### 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 Connections up 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

### INSTALLATION PARAMETERS

Dimensions (mm)    255 (W) x 42 (H) x 222 (D)

Weight    0.73 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

*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.*

*Display and playback speeds are achieved using dual stream.*

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