Multistandard AHD Recorder

NHDR-6008-H1

KEY FEATURES

VCA ANALYSIS

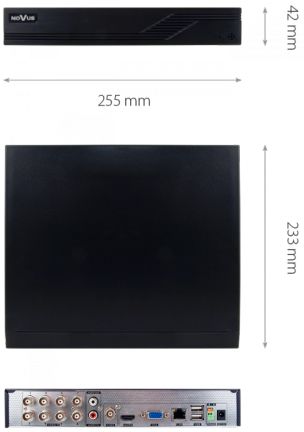
MULTI STANDARD

H.265

5 Mpx | ×3 Monitor | ×1 HDD

- Video channels: 8, audio channels: 1
- 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 • 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

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 individual recording modes
Prealarm/postalarm	up to 5 s/up to 10 min

PLAYBACK

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

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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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, 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 Connections	up 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)
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.