# **NOVUS**

# **Multistandard AHD Recorder**

NHDR-6008A-H1-II





#### FUNCTIONS



















Intelligent image analysis

Supported functions for analog cameras

Number of channels

Weight

Power Consumption

Operating Temperature



#### COMPLIANCE



### **KEY FEATURES**

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



255 mm





1	Video	
	Video Input	8 x BNC
	Operating mode	AHD 5Mpx, TVI 5Mpx, CVI 5Mpx, analog 960H
	Monitor Output	main (split screen, full screen, sequence): $1 \times HDMI$ (FullHD), $1 \times VGA$ (FullHD), $1 \times BNC$ , spot: $1 \times BNC$ 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, H.265+
	Recording Speed	240 fps (960 x 576 - 960H) 240 fps (960 x 1080 - 1080p Lite) 120 fps (1290 x 1080 - 1080p Lite) 120 fps (1280 x 1480 - 4Mpx Lite) 80 fps (1280 x 12440 - 4Mpx Lite) 80 fps (1280 x 1244 - 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 $\frac{1}{2} \int_{-\infty}^{\infty} \frac{1}{2} \int$
	Prealarm/postalarm	up to 5 s/up to 10 min
	Playback	
	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
	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	24 TB
0	Alarm	
	IP Camera Alarm Input/Output	supports IP camera's alarm input/output
	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

Object detection, Exception, Scene change, Video blurred, Video color cast, Line cross, Zone entrance, Abandoned object, Object disappearance Supported functions for IP cameras Network Interface 1 x Ethernet - RI-45 interface, 10/100 Mbit/s HTTP, TCP/IP, IP-4/v6, HTTPS, FTP, DHCP, DNS, DDNS, NTP, RTSP, UPnP, SNMP, IEEE 802.1X, PPPoE, SMTP, P2P, POS, HTML5 NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, NMS, Internet Explorer, Firefox, Chrome, Opera, N Control 6000, Edge/Safari, N Control 6000 PC/MAC Software Mobile applications ipGO 6 (iPhone, Android) up to 5 (live monitoring: 5, playback: 5, configuration: 5) , live monitoring up to 16 mainstreams, 48 substreams, playback up to 8 streams Number of Simultaneous Connections 60 Mb/s in total to all client workstation PTZ PTZ Ports 1 x RS-485 PTZ Protocols Pelco-D, Pelco-P pan/tilt/zoom, preset commands, patterns COAX Functions menu, zoom, focus, PTZ USB Ports Operating system Operating System OSD languages: Polish, English, Russian, others IR remote controller, PC mouse (in-set included), network Control System Diagnostic Security password protection, IP filtering, MAC filtering Installation parameters

8 x BNC, 4 x IP (6000 Serie)

Line cross, Zone entrance, Smart Motion Detection

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 aiarm 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.

255 (W) x 42 (H) x 233 (D)

12 VDC (100 ~ 240 VAC/12 VDC PSU in-set included)

0.77 kg (without HDD)

20 W (with 1 HDD)

-10°C ~ 50°C