# NOVUS

# Multistandard AHD Recorder

## NHDR-5104AHD





#### **KEY FEATURES**













- •Video channels: 4, audio channels: 4
- Recording speed: up to 100 fps (AHD), up to 150 fps (IP)
- •Internal HDDs mount: up to 1
- •Monitor outputs (main): 2
- •Supports 700 TVL analog cameras (960H)
- •Supports HD analog cameras (720p, 1080p)
- •Supports AHD, TVI, CVI cameras
- •IP cameras support (hybrid mode)
- •PIR cameras support

## **DIMENSIONS**



#### **VIDEO**

Video Input	4 x BNC
Operating mode	AHD 1080p, TVI 1080p, CVI 1080p, analog 960H
Monitor Output	main (split screen, full screen, sequence): 1 x HDMI (FullHD), 1 x VGA (FullHD)
IP Streams	DVR mode: $4 \times BNC + 0 \times IP \cdot hybrid mode: 4 \times BNC + 2 \times IP \cdot IP mode: 0 \times BNC + 6 \times IP$
Supported IP resolution	max. 2688 x 1520
AUDIO	
Audio Input/Output	4 x RCA (Line-in)/1 x HDMI, 1 x RCA
RECORDING	
Compression	H.264
Recording Speed	100 fps (960 x 576 - 960H) • 100 fps (1280 x 720 - HD) • 60 fps (1920 x 1080 - FullHD)
IP recording speed	hybrid mode: 50fps • IP mode: 150fps
IP stream size	hybrid mode: 8 Mb/s in total from all IP cameras • IP mode: 24 Mb/s in 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	100 fps
IP playback speed	150 fps
Recorded Data Search	by date/time, events, object appearance/disappearance
BACKUP	
Backup Methods	USB port (HDD or Flash memory), network
Backup File Format	BMP, MP4, AVI, H264
STORAGE	
Internal storage	available mount: 1 x HDD 3.5" SATA
Total Internal Capacity	8 TB
External storage	1 x eSATA
Total External Capacity	24 TB
ALARM	







# Multistandard AHD Recorder NHDR-5104AHD

Alarm Input/Output	4/1 relay type
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
NETWORK	
Network Interface	1 x Ethernet - RJ-45 interface, 10/100 Mbit/s
PC/MAC Software	NMS, Internet Explorer, NHDR-5000 Viewer/Safari, NHDR-5000 Viewer
Mobile applications	RxCamView (iPhone, Android)
Number of Simultaneous Connection	onsup to 5 (live monitoring: 5, playback: 1, configuration: 5)
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	front panel, PC mouse and IR remote controller (in-set included), network, NV-KBD50 keyboard
System Diagnostic	automatic control of: HDDs, camera connection loss
INSTALLATION PARAMETERS	•
Dimensions (mm)	300 (W) x 53 (H) x 227 (D)
Weight	1.1 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 ~ 45°C
List of compatible HDD models and	I maximum of their capacities is available in section DOWNLOADABLE

List of compatible HDD models and maximum of their capacities is available in section DOWNLOADABLE FILES.

Multistandard and ESATA is available in DVR from serial No 1706..



