NOVUS

Multistandard AHD Recorder

NHDR-5104AHD

5000 AHD SERIES

FUNCTIONS

MULTI STANDARD

HYBRID SYSTEM

x4 V+A   x2 Monitor   x1 HDD

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

53 mm

300 mm

227 mm

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 x BNC + 0 x IP hybrid mode: 4 x BNC + 2 x IP IP mode: 0 x BNC + 6 x 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	
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 Connections	up 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 maximum of their capacities is available in section DOWNLOADABLE FILES.
Multistandard and ESATA is available in DVR from serial No 1706..