NoVus

Multistandard AHD Recorder

NHDR-5116AHD





KEY FEATURES













- •Video channels: 16, audio channels: 16
- •Recording speed: up to 400 fps (AHD), up to 600 fps (IP)
- •Internal HDDs mount: up to 2
- •Monitor outputs: 2 (2 x main, 1 x spot)
- •Supports HD analog cameras (720p, 1080p)
- •Supports AHD, TVI, CVI cameras
- •IP cameras support (hybrid mode)
- •PIR cameras support

DIMENSIONS



VIDEO

VIDEO	
Video Input	16 x BNC
Operating mode	AHD 1080p, TVI 1080p, CVI 1080p, analog 960H
Monitor Output	main (split screen, full screen, sequence): 1 x HDMI (4K UltraHD), 1 x VGA (FullHD) • spot: 1 x VGA (HD) interchangeably to main output
IP Streams	DVR mode: 16 x BNC + 0 x IP • hybrid mode: 16 x BNC + 8 x IP • IP mode: 0 x BNC + 24 x IP
Supported IP resolution	max. 2688 x 1520
AUDIO	
Audio Input/Output	16 x RCA (Line-in)/1 x HDMI, 1 x RCA
RECORDING	

Compression

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Recording Speed	400 fps (960 x 576 - 960H) • 400 fps (1280 x 720 - HD) • 240 fps (1920 x 1080 - FullHD)
IP recording speed	hybrid mode: 200fps • IP mode: 600fps
IP stream size	hybrid mode: 32 Mb/s in total from all IP cameras • IP mode: 96 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

Prealarm/postalarm up to 3 s/up to 5 min

H.264

PLAYBACK

Playback speed	400 fps	
IP playback speed	400 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: 2 x HDD 3.5" SATA	
Total Internal Capacity	16 TB	
External storage	1 x eSATA	
Total External Capacity	24 TB	

ALARM







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Alarm Input/Output	16/1 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, 10/100/1000 Mbit/s
PC/MAC Software	NMS, Internet Explorer, NHDR-5000 Viewer/Safari, NHDR-5000 Viewer
Mobile applications	RxCamView (iPhone, Android)
Number of Simultaneous Connection	nsup to 5 (live monitoring: 5, playback: 1, configuration: 5)
Bandwidth	64 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)	380 (W) x 50 (H) x 340 (D)
Weight	1.5 kg (without HDDs)
Power Supply	12 VDC (100 ~ 240 VAC/12 VDC PSU in-set included)
Power Consumption	30 W (with 2 HDDs)
Operating Temperature	-10°C ~ 45°C
List of compatible HDD models and	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 1704..



