NOVUS

Multistandard AHD Recorder

NHDR-4M5316AHD





KEY FEATURES















- •Video channels: 16, audio channels: 16
- •Recording speed: up to 400 fps (AHD), up to 200 fps
- •Internal HDDs mount: up to 2
- •Monitor outputs: 2 (2 x main, 1 x spot)
- •Supports HD analog cameras (720p, 1080p, 4MPX,
- •Supports AHD, TVI, CVI cameras
- •IP cameras support (hybrid mode)
- •Intelligent image analysis
- •PIR cameras support
- Supports POS devices

DIMENSIONS



VIDEO

Video Input	16 x BNC
Operating mode	AHD 5Mpx, 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
Supported IP resolution	max. 2688 x 1520
AUDIO	
Audio Input/Output	16 x RCA (Line-in)/1 x HDMI, 1 x RCA

Audio Input/Output	16 x RCA (Line-in)/1 x HDMI, 1 x RCA

RECORDING

Compression	H.264
Recording Speed	400 fps (960 x 576 - 960H) • 400 fps (1280 x 720 - HD) • 400 fps (1920 x 1080 - FullHD) • 240 fps (2560 x 1440 - 4Mpx) • 176 fps (2560 x 1944 - 5Mpx)
IP recording speed	hybrid mode: 200fps
IP stream size	hybrid mode: 128 Mb/s in total from all IP cameras
Recording Mode	continuous, triggered by: REC/PANIC button, alarm input, motion detection, PIR alarm, image analysis

individual settings for: each camera, each day of the week,

configuration with an accuracy of: 30 min, possibility of combining individual recording modes

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

PLAYBACK

Schedule

Playback speed	400 fps
IP playback speed	200 fps
Recorded Data Search	by date/time, events, object appearance/disappearance, image analysis events. POS

BACKUP

Backup Methods	DVD (option), 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, PTZ
INTELLIGENT IMAGE ANALYS	SIS
Supported functions	Object detection, Line cross, Zone entrance
Number of channels	1 x BNC, 8 x IP (2000 and 4000 Serie)
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 Viewe
Mobile applications	RxCamView (iPhone, Android)
Number of Simultaneous Connection	onsup to 5 (live monitoring: 5, playback: 1, configuration: 5)
Bandwidth	128 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
POS	
Number of POS channels	4
POS Interface	Ethernet
POS Functions	display text on the video, keyword search, export text with the video
AUXILIARY INTERFACES	
USB Ports	1 x USB 2.0, 1 x USB 3.0
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 FILES.
POS feature available from NHDR4M5316AHD_V171218_W firmware.

One of the functions: SPOT monitor, POS, inteligent analysis, can be switched on at once.



