NOVUS

Multistandard AHD Recorder

NHDR-4M5308AHD

5000 AHD SERIES

FUNCTIONS

MULTI STANDARD | 4K HDMI

HYBRID SYSTEM | 5 Mpx ●REC | x8 V+A

x2 Monitor | x2 HDD
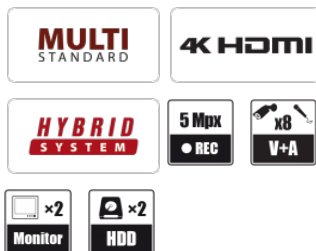
KEY FEATURES

- Video channels: 8, audio channels: 8
- Recording speed: up to 200 fps (AHD), up to 300 fps (IP)
- Internal HDDs mount: up to 2
- Monitor outputs: 2 (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
- PIR cameras support

DIMENSIONS

50 mm
380 mm
340 mm

Video	
Video Input	8 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: 8 x BNC + 0 x IP hybrid mode: 8 x BNC + 4 x IP IP mode: 0 x BNC + 12 x IP
Supported IP resolution	max. 2688 x 1520
Audio	
Audio Input/Output	8 x RCA (Line-in)/1 x HDMI, 1 x RCA
Recording	
Compression	H.264
Recording Speed	200 fps (960 x 576 - 960H) 200 fps (1280 x 720 - HD) 200 fps (1920 x 1080 - FullHD) 120 fps (2560 x 1440 - 4Mpx) 96 fps (2560 x 1944 - 5Mpx)
IP recording speed	hybrid mode: 100fps IP mode: 300fps
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, image analysis
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	200 fps
IP playback speed	200 fps
Recorded Data Search	by date/time, events, object appearance/disappearance, image analysis events
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	
Alarm Input/Output	8/1 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 analysis	
Supported functions	Object detection, Line cross, Zone entrance
Number of channels	1 x BNC, 12 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 Viewer
Mobile applications	RxCamView (iPhone, Android)
Number of Simultaneous Connections	up 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	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

Recording speed may be limited during playback in hybrid mode.
List of compatible HDD models and maximum of their capacities is available in section DOWNLOADABLE FILES.
One of the functions: SPOT monitor, POS, inteligent analysis, can be switched on at once.