NoVus

Multistandard AHD Recorder

NHDR-6016-H1-II





KEY FEATURES

















- •Video channels: 16, audio channels: 1
- •Recording speed: up to 480 fps (AHD), up to 480 fps (IP)
- •Internal HDDs mount: up to 1
- •Monitor outputs: 3 (2 x main, 1 x spot)
- $\bullet \text{Supports high resolution analog cameras (1080p,} \\$ 4MPX, 5MPX)
- •Supports AHD, TVI, CVI cameras
- •IP cameras support (hybrid mode)
- •Intelligent image analysis

COMPLIANCE



DIMENSIONS





VIDEO

Video Input	16 x BNC		
Operating mode AHD 5Mpx, TVI 5Mpx, CVI 5Mpx			
Monitor Output	main (split screen, full screen, sequence): 1 x HDMI (FullHD), 1 x VGA (FullHD), 1 x BNC ullet spot: 1 x BNC interchangeably to main output		
IP Streams	hybrid mode: 16 x BNC + 8 x IP • IP mode: 8 x BNC + 16 x IP		
Supported IP resolution	max. 2592 x 1944		

AUDIO

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

Compression	H.264, H.265	
Recording Speed	480 fps (960 x 1080 - 1080p Lite) • 240 fps (1920 x 1080 - FullHD) • 240 fps (1280 x 1440 - 4Mpx Lite) • 160 fps (1280 x 1944 - 5Mpx Lite)	
IP recording speed	hybrid mode: 240fps • IP mode: 480fps	
IP stream size	hybrid mode: 32 Mb/s in total from all IP cameras • IP mode: 64 Mb/s in total from all IP cameras	
Recording Mode	continuous, triggered by: REC/PANIC button, alarm input, motion detection, image analysis	
Schedule	individual settings for: each camera, each day of the week, configuration with an accuracy of: 1 min, possibility of combining	

ΡΙ ΔΥΒΔΟΚ

Prealarm/postalarm

PLATBACK	
Playback speed	480 fps
IP playback speed	480 fps
Recorded Data Search	by date/time, events, image analysis events, motion in a defined area, tags

individual recording modes up to 5 s/up to 10 min

BACKUP

Backup Methods	USB port (HDD or Flash memory), network
Backup File Format	AVI, RPAS (player included)
STORAGE	

Internal storage	available mount: 1 x HDD 3.5" SATA
Total Internal Capacity	8 TB

ALARM		
IP Camera Alarm Input/Output	supports IP camera's alarm input/output	
Motion Detection	18 x 22 grid, individual settings of sensitivity	



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System Reaction to Alarm Events buzzer, e-mail, recording activation, PTZ, Full Screen

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Supported functions for analog cameras	Line cross, Zone entrance	
Supported functions for IP cameras	Exception, Line cross, Zone entrance, Abandoned object, Object disappearance	
NETWORK		
Network Interface	1 x Ethernet - RJ-45 interface, 10/100 Mbit/s	
Network Protocols Support	HTTP, TCP/IP, IPv4/v6, HTTPS, FTP, DHCP, DNS, DDNS, NTP, RTSP, UPnP, SNMP, PPP0E, SMTP, P2P, POS, HTML5	
PC/MAC Software	NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, NMS, Internet Explorer, Firefox, Chrome, Opera, N Control 6000 Edge/Safari, N Control 6000	
Mobile applications	ipGO 6 (iPhone, Android)	
Number of Simultaneous Connection	nsup to 8 (live monitoring: 8, playback: 8, configuration: 8) , live monitoring up to 28 mainstreams, 96 substreams, playback up to 8 streams	
Bandwidth	80 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 Operating System	Linux	
	Linux languages: Polish, English, Russian, others	

INSTALLATION PARAMETERS

System Diagnostic

Security

Dimensions (mm)	255 (W) x 42 (H) x 234 (D)	
Weight	0.89 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 ~ 50°C	

password protection, IP filtering

automatic control of: HDDs, camera connection loss







Multistandard AHD Recorder NHDR-6016-H1-II

The recorder is dedicated to work with AHD cameras, Novus 3000 and 6000 series IP cameras and achieves the best functionality with them. In case of work with IP cameras intelligent image analysis, dualstream mode, PTZ control, motion detection and alarm inputs / outputs functions depend on the functionality of the IP camera and the capabilities of the communication protocol. Detailed data on camera compatibility with recorders and compatible hard drives can be found in the compatibility tables available in the DOWNLOADABLE FILES tab.

Display and playback speeds are achieved using dual stream.

The recording speed of analog cameras may be limited during playback.



