NOVUS

Multistandard AHD Recorder

NHDR-6116-H2-II





KEY FEATURES

















- •Video channels: 16, audio channels: 8
- •Recording speed: up to 480 fps (AHD), up to 480 fps (IP)
- •Internal HDDs mount: up to 2
- •Monitor outputs: 3 (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

COMPLIANCE



DIMENSIONS



VIDEO

Audio Input/Output

Video Input	16 x BNC
Operating mode	AHD 5Mpx, TVI 5Mpx, CVI 5Mpx, analog 960H
Monitor Output	main (split screen, full screen, sequence): $1 \times HDMI$ (FullHD), $1 \times VGA$ (FullHD), $1 \times BNC \cdot Spot: 1 \times BNC$ 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	

8 x RCA (Line-in)/1 x HDMI, 1 x RCA

RECORDING	
Compression	H.264, H.265
Recording Speed	480 fps (1280 x 720 - HD) • 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)

	1ps (1200 x 1944 - JMpx 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 individual recording modes

up to 5 s/up to 10 min

PLAYBACK

Prealarm/postalarm

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

BACKUP

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

STORAGE

Internal storage	available mount: 2 x HDD 3.5" SATA	
Total Internal Capacity	16 TB	
ALARM		
Alarm Input/Output	16/4 relay type	



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Motion Detection	18 x 22 grid, individual settings of sensitivity
System Reaction to Alarm Events	buzzer, e-mail, alarm output activation, recording activation, PTZ, Full Screen
INTELLIGENT IMAGE ANALYSI	s
Supported functions for analog cameras	Line cross, Zone entrance
Supported functions for IP cameras	Object detection, Exception, Line cross, Zone entrance
NETWORK	
Network Interface	1 x Ethernet - RJ-45 interface, 10/100/1000 Mbit/s
Network Protocols Support	HTTP, TCP/IP, IPv4, HTTPS, FTP, DHCP, DNS, DDNS, NTP, RTSP, UPnP, PPPoE, SMTP, P2P, 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 10 (live monitoring: 10, playback: 10, configuration: 10) , live monitoring up to 28 mainstreams, 96 substreams, playback up to 8 streams
Bandwidth	96 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	IR remote controller, PC mouse (in-set included), network
System Diagnostic	automatic control of: HDDs, camera connection loss
Security	password protection, IP filtering
INSTALLATION PARAMETERS	
Dimensions (mm)	380 (W) x 45 (H) x 268 (D)
RACK Mount 19"	10
Weight	1.72 kg (without HDD)
Power Supply	12 VDC (100 ~ 240 VAC/12 VDC PSU in-set included)
Power Consumption	48 W (with 2 HDDs)
Operating Temperature	-10°C ~ 50°C
	10 0 30 0



