Multistandard AHD Recorder

NHDR-6116A-H2-II



6000 VSS HYBRID

KEY FEATURES

VCA ANALYSIS

MULTI STANDARD

H·265

H·265+

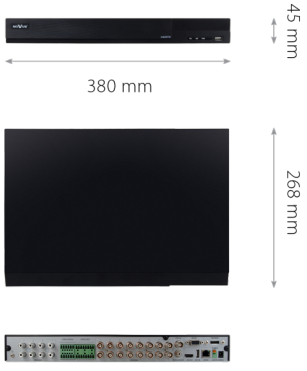
5 Mpx | 720 fps ● REC | x16 V+A | ×3 Monitor | ×2 HDD

- Video channels: 16, audio channels: 8
- Recording speed: up to 480 fps (AHD), up to 480 fps (IP)
- Internal HDDs mount: up to 2
- Supports HD analog cameras (720p, 1080p, 4MPX, 5MPX)
- Supports AHD, TVI, CVI cameras
- IP cameras support (hybrid mode)
- Intelligent image analysis

COMPLIANCE

NDAA

DIMENSIONS



VIDEO

Video Input	16 x BNC
Operating mode	AHD 5Mpx, TVI 5Mpx, CVI 5Mpx, analog 960H
Monitor Output	main (split screen, full screen, sequence): 1 x HDMI (FullHD), 1 x VGA (FullHD), 1 x BNC • 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	8 x RCA (Line-in)/1 x HDMI, 1 x RCA

RECORDING

Compression	H.264, H.265, 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)
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
Prealarm/postalarm	up to 5 s/up to 10 min

PLAYBACK

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 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	48 TB
External storage	1 x eSATA
Total External Capacity	24 TB

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ALARM

Alarm Input/Output	16/4 relay type
IP Camera Alarm Input/Output	supports IP camera’s alarm input/output
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 ANALYSIS

Supported functions for analog cameras	Line cross, Zone entrance, Smart Motion Detection
Supported functions for IP cameras	Object detection, Exception, Scene change, Video blurred, Video color cast, Line cross, Zone entrance, Abandoned object, Object disappearance

NETWORK

Network Interface	1 x Ethernet - RJ-45 interface, 10/100/1000 Mbit/s
Network Protocols Support	HTTP, TCP/IP, IPv4/v6, HTTPS, FTP, DHCP, DNS, DDNS, NTP, RTSP, UPnP, SNMP, IEEE 802.1X, PPPoE, 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 Connections	up to 10 (live monitoring: 10, playback: 10, configuration: 10) , live monitoring up to 28 mainstreams, 96 substreams, playback up to 16 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, MAC filtering

INSTALLATION PARAMETERS

Dimensions (mm)	380 (W) x 45 (H) x 268 (D)
RACK Mount 19"	1U
Weight	2 kg (without HDD)
Power Supply	12 VDC (100 ~ 240 VAC/12 VDC PSU in-set included)
Power Consumption	30 W (with 2 HDDs)

Operating Temperature	-10°C ~ 50°C