NOVUS

Multistandard AHD Recorder

NHDR-6016A-H1-II





FUNCTIONS











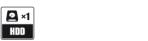
















KEY FEATURES

- •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)
 •Supports HD analog cameras (720p, 1080p,
- 4MPX, 5MPX)
 •Supports AHD, TVI, CVI cameras
- •IP cameras support (hybrid mode)
- •Intelligent image analysis

DIMENSIONS



255 mm





	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	1 x RCA (Line-in)/1 x HDMI, 1 x RCA
	Recording	
	Compression	H.264, H.265, H.265+
	Recording Speed	480 fps (960 x 576 - 960H) 480 fps (960 x 1080 - 1080p Lite) 240 fps (1290 x 1080 - FullHD) 240 fps (1280 x 1440 - 4Mpx Lite) 100 fps (1280 x 1440 - 4Mpx 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: 1 x HDD 3.5" SATA
	Total Internal Capacity	24 TB
)	Alarm	
	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, PUSH message, snapshot
	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	

1 x Ethernet - RJ-45 interface, 10/100 Mbit/s

HTTP, TCP/IP, IPv4/v6, HTTPS, FTP, DHCP, DNS, DDNS, NTP, RTSP, UPnP, SNMP, IEEE 802.1X, PPPoE, SMTP, P2P, POS, HTML5

NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, NMS, Internet Explorer, Firefox, Chrome, Opera, N Control 6000, Edge/Safari, N Control 6000

ipGO 6 (iPhone, Android) up to 10 (live monitoring: 10, playback: 10, configuration: 10) , live monitoring up to 28 mainstreams, 96 substreams, playback up to 16 streams Number of Simultaneous Connections 80 Mb/s in total to all client workstations PTZ PTZ Ports 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 Linux Control IR remote controller, PC mouse (in-set included), network System Diagnostic automatic control of: HDDs, camera connection loss password protection, IP filtering, MAC filtering

255 (W) x 42 (H) x 234 (D) Weight 0.89 kg (without HDD)

12 VDC (100 ~ 240 VAC/12 VDC PSU in-set included) Power Supply Operating Temperature -10°C ~ 50°C

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.

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

Network Protocols Support

PC/MAC Software