# **NoVus**

### 16-channel IP Recorder

### **NVR-6316A-H2-II**





#### **KEY FEATURES**





























- •16 x video and audio channels
- •Recording speed up to 480 fps at 3840 x 2160
- •Supports resolution up to 3840 x 2160
- •Recorded stream size: 160 Mb/s in total from all
- •2 x internal place for HDD mounting
- •2 x monitor outputs (HDMI 4K UltraHD, VGA)
- •RACK mount
- •Intelligent image analysis

### **DIMENSIONS**



The recorder is dedicated to work with NOVUS 6000 series IP cameras. Detailed data can be found in the compatibility table available in the  $\ensuremath{\mathsf{DOWNLOADABLE}}$  FILES tab.

IP Cameras	up to 16 channels at 3840 x 2160 resolution (video + audio)
Maximum Supported Camera Resolution	3840 x 2160
Compression	H.264, H.265, H.265+, H.265 Smart
Monitor Output	main (split screen, full screen, sequence): 1 x HDMI (4K UltraHD), 1 x VGA (up to 2 monitors simultaneously)
Dualstreaming Support	yes
Fisheye Support	yes, 6000 IP series cameras • using any web browser, ipGO 6, N Control 6000
AUDIO	
Audio Input/Output	1 x line-in (RCA) / 1 x HDMI, 1 x line-out (RCA)
RECORDING	
Recording Speed	480 fps (16 x 30 fps for 3840 x 2160 and lower)
Stream Size	160 Mb/s in total from all cameras
Recording Mode	continuous, triggered by: manual, alarm input, motion detection, intelligent image analysis functions
Prealarm/Postalarm	up to 5 s/up to 600 s

### **DISPLAY**

480 fps (16 x 30 fps) Display Speed

#### **PLAYBACK**

Playback Speed	480 fps (16 x 30 fps)
Recorded Data Search	by date/time, events, image analysis events, POS, motion in a defined area, tags, license plate number

#### **BACKUP**

Backup Methods	USB port (HDD or Flash memory), network	
Backup File Format	MP4, AVI, RPAS (player included)	
STORAGE		
Internal Storage	available mount: 2 x HDD 3.5" 24 TB SATA	
Total Internal Capacity	48 TB	

#### **ALARM**

ALAMI	
Internal Alarm Input/Output	4/1 relay type (max. 12VDC/1A)







## 16-channel IP Recorder NVR-6316A-H2-II

Camera Alarm Input/Output	supports IP camera's alarm input/output
Motion Detection	supports camera's motion detection
System Reaction to Alarm Events	buzzer, alarm output activation, recording activation, PTZ, e-mail with atatchment, Full Screen, PUSH message, voice prompt, snapshot
INTELLIGENT IMAGE ANALYS	sis
Supported Functions	Exception, Scene Change, Video Blurred, Video Color Cast, Tripwire, Zone entrance, Abandoned Object, Object Disappearance, Face Detection, Perimeter Intrusion Detection by pedestrian or vehicle, Line Cross Detection by pedestrian or vehicle, License Plate Recognition (LPR), Video metadata
Database Capacity	1000 license plates
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 Connection	onsup to 64 clients, up to 20 main streams or 64 substreams or 16 playback streams in total
Bandwidth	160 Mb/s in total to all client workstations
PTZ	
PTZ Functions	pan/tilt/zoom, preset commands
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PTZ Functions  AUXILIARY INTERFACES  USB Ports  OPERATING SYSTEM  Operating System  OSD  Control	2 x USB 2.0  Linux  languages: Polish, English, others  PC mouse and IR remote controller (in-set included), network
PTZ Functions  AUXILIARY INTERFACES  USB Ports  OPERATING SYSTEM  Operating System  OSD  Control  System Diagnostic	2 x USB 2.0  Linux  languages: Polish, English, others  PC mouse and IR remote controller (in-set included), network automatic control of: HDDs, network, camera connection loss password protection, IP filtering, MAC filtering, ARP guard
PTZ Functions  AUXILIARY INTERFACES  USB Ports  OPERATING SYSTEM  Operating System  OSD  Control  System Diagnostic  Security	2 x USB 2.0  Linux  languages: Polish, English, others  PC mouse and IR remote controller (in-set included), network automatic control of: HDDs, network, camera connection loss password protection, IP filtering, MAC filtering, ARP guard
PTZ Functions  AUXILIARY INTERFACES  USB Ports  OPERATING SYSTEM  Operating System  OSD  Control  System Diagnostic  Security  INSTALLATION PARAMETERS	Linux languages: Polish, English, others PC mouse and IR remote controller (in-set included), network automatic control of: HDDs, network, camera connection loss password protection, IP filtering, MAC filtering, ARP guard
PTZ Functions  AUXILIARY INTERFACES  USB Ports  OPERATING SYSTEM  Operating System  OSD  Control  System Diagnostic  Security  INSTALLATION PARAMETERS  Dimensions (mm)	Linux  languages: Polish, English, others  PC mouse and IR remote controller (in-set included), network automatic control of: HDDs, network, camera connection loss password protection, IP filtering, MAC filtering, ARP guard  380 (W) x 52 (H) x 268 (D)
PTZ Functions  AUXILIARY INTERFACES  USB Ports  OPERATING SYSTEM  Operating System  OSD  Control  System Diagnostic  Security  INSTALLATION PARAMETERS  Dimensions (mm)  Weight	Linux  languages: Polish, English, others  PC mouse and IR remote controller (in-set included), network automatic control of: HDDs, network, camera connection loss password protection, IP filtering, MAC filtering, ARP guard  380 (W) x 52 (H) x 268 (D)  1.52 kg (without HDD)
PTZ Functions  AUXILIARY INTERFACES  USB Ports  OPERATING SYSTEM  Operating System  OSD  Control  System Diagnostic  Security  INSTALLATION PARAMETERS  Dimensions (mm)  Weight  Power Supply	Linux  languages: Polish, English, others  PC mouse and IR remote controller (in-set included), network automatic control of: HDDs, network, camera connection loss password protection, IP filtering, MAC filtering, ARP guard  380 (W) x 52 (H) x 268 (D) 1.52 kg (without HDD)  12 VDC (100 ~ 240 VAC/12 VDC PSU in-set included)

The availability of individual functions (including image analysis) depends on the model of the cameras used, as well as the software version of the recorder and cameras.

Presented display and playback speeds are achieved using dual-streaming. Detailed data on hard drives can be found in the compatibility table available in the DOWNLOADABLE FILES tab.



