# **NoVus**

## 16-channel IP Recorder

### **NVR-6316A-H1-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 cameras
- ullet 1 x internal place for HDD mounting
- •2 x monitor outputs (HDMI 4K UltraHD, VGA)
- •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 DOWNLOADABLE FILES tab.

V	ID	E	r

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 $\bullet$ 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		
Display Speed	480 fps (16 x 30 fps)	
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: 1 x HDD 3.5" 24 TB SATA	
Total Internal Capacity	24 TB	
ALARM		
Camera Alarm Input/Output	supports IP camera's alarm input/output	





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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 ANALYSI	S	
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, 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	nsup 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	
AUXILIARY INTERFACES		
USB Ports	2 x USB 2.0	
OPERATING SYSTEM		
Operating System	Linux	
OSD	languages: Polish, English, others	
Control	PC mouse and IR remote controller (in-set included), network	
System Diagnostic	automatic control of: HDDs, network, camera connection loss	
Security	password protection, IP filtering, MAC filtering, ARP guard	
INSTALLATION PARAMETERS		
Dimensions (mm)	300 (W) x 52 (H) x 248 (D)	
Weight	1.2 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	

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.



