# **NOVUS**

# 16-channel IP Recorder

## NVR-6316-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: 112 Mb/s in total from all cameras
- •2 x internal place for HDD mounting
- •1 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 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, 1 x VGA (up to 2 monitors simultaneously)
Dualstreaming Support	yes
Fisheye Support	yes, 6000 IP series cameras • using ipGO 6, Internet Explorer, N Control 6000
AUDIO	
Audio Input/Output	1 x line-in (RCA) / 1 x HDMI, 1 x line-out (RCA)
RECORDING	
Stream Size	112 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
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" 10 TB SATA
Total Internal Capacity	20 TB
ALARM	
Internal Alarm Input/Output	4/1 relay type (max. 12VDC/1A)
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 ANALYSIS			
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)		
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	sup to 5 clients, up to 22 main streams or 64 substreams or 16 playback streams in total		
Bandwidth	112 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		
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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)	380 (W) x 52 (H) x 268 (D)		
Weight	1.52 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		

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.



