### **NOVUS**

#### 32-channel IP Recorder

#### NVR-6332P16-H4/F-II





#### **KEY FEATURES**





















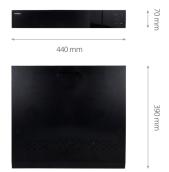






- •16 x PoE Ethernet ports
- •32 x video and audio channels
- •Recording speed up to 960 fps at 4000 x 3000
- •Supports resolution up to 4000 x 3000
- Recorded stream size: 320 Mb/s in total from all cameras
- •4 x internal place for HDD mounting
- ullet3 x monitor outputs (HDMI 4K UltraHD, HDMI, VGA)
- •RACK mount
- •Face recognition

#### **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 32 channels at 4000 x 3000 resolution (video + audio)	
Maximum Supported Camera Resolution	4000 x 3000	
Compression	H.264, H.264+, H.265, H.265 Smart	
Monitor Output	main (split screen, full screen, sequence): 1 x HDMI (4K UltraHD) / VGA (up to 2 monitors simultaneously) • spot: 1 x HDMI (FullHD)	
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		
Stream Size	320 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	960 fps (32 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, related to face recognition, 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: 4 x HDD 3.5" 24 TB SATA	
Total Internal Capacity	96 TB	
External storage	1 x eSATA	
Total External Capacity	24 TB	



**ALARM** 

### **NoVus**

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Internal Alarm Input/Output	16/4 relay type (max. 12VDC/1A)	
Camera Alarm Input/Output	supports IP camera's alarm input/output	
Motion Detection	supports camera's motion detection	
System Reaction to Alarm Events	buzzer, e-mail, alarm output activation, recording activation, PTZ, e-mail with atatchment, Full Screen, PUSH message, voice prompt, snapshot	
INTELLIGENT IMAGE ANALYSIS	S	
Supported Functions	Exception, Scene Change, Video Blurred, Video Color Cast, Tripwire, Zone entrance, Abandoned Object, Object Disappearance, Face Recognition, Perimeter Intrusion Detection by pedestrian or vehicle, Line Cross Detection by pedestrian or vehicle, License Plate Recognition (LPR), Video metadata	
Database Capacity	10000 faces • 50000 license plates	
Other parameters	face recognition for 6 NOVUS 6000 series IP cameras with 'F' in the model name or 2 ONVIF cameras $$	
NETWORK		
Network Interface	2 x Ethernet - RJ-45 interface, 10/100/1000 Mbit/s • 16 x Ethernet PoE (IEEE802.3af/at, Class 4) - RJ-45 interface, 10/100 Mbit/s, with Extended mode	
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	sup to 128 clients, up to 36 main streams or 128 substreams or 32 playback streams in total	
Bandwidth	256 Mb/s in total to all client workstations	
PTZ		
PTZ Functions	pan/tilt/zoom, preset commands	
AUXILIARY INTERFACES		
USB Ports	1 x USB 3.0, 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)	440 (W) x 70 (H) x 390 (D)	
Weight	4.4 kg (without HDD)	
Power Supply	100 ~ 240 VAC	
Power Consumption	60 W (with 4 HDDs) + 150 W PoE	
Operating Temperature	-10°C ~ 50°C	
RACK Mount 19"	2U	







## 32-channel IP Recorder NVR-6332P16-H4/F-II

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.

In order to create face recognition system, please deploy NOVUS 6000 series IP cameras with "F" in the model name.

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.

