NOVUS

IP Recorder
NVR-6332P16-H4/F

6000 VSS IP

KEY FEATURES

- INGENIUS PLUS
- FACE RECOGNITION
- FACE DETECTION
- VCA ANALYSIS
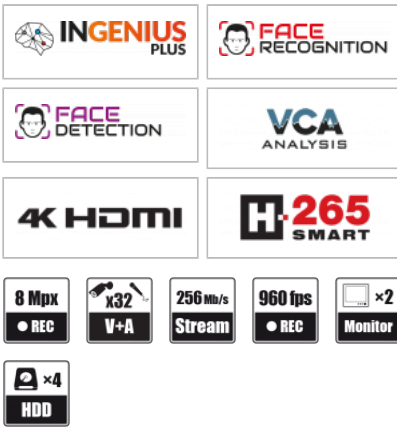- 4K HDMI
- H.265 SMART

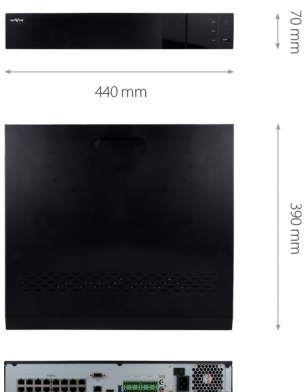- 8 Mpx ●REC
- x32 V+A
- 256 Mb/s Stream
- 960 fps ●REC
- ×2 Monitor
- ×4 HDD

- 16 x Ethernet PoE - RJ-45 interface, 10/100 Mbit/s
- Video and audio channels: 32
- Supported protocols: ONVIF, RTSP
- Recording speed up to 960 fps at 3840 x 2160
- Supports resolution up to 3840 x 2160
- Recorded stream size: 256 Mb/s in total from all cameras
- Internal HDDs mount: 4
- Monitor outputs: 2 (HDMI (4K UltraHD), VGA)
- RACK mount
- Face recognition

DIMENSIONS

70 mm
440 mm
390 mm

VIDEO

IP Cameras	up to 32 channels at 3840 x 2160 resolution (video + audio)
Maximum Supported Camera Resolution	3840 x 2160
Compression	H.264, H.264+, H.265, H.265 Smart
Monitor Output	main (split screen, full screen, sequence): 1 x VGA, 1 x HDMI (4K UltraHD) (up to 2 monitors simultaneously)
Dualstreaming Support	yes
Fisheye Support	yes, 3000/6000 IP series cameras

AUDIO

Audio Input/Output	1 x line-in (RCA) / 1 x HDMI, 1 x line-out (RCA)

RECORDING

Stream Size	256 Mb/s in total from all cameras
Recording Mode	time-lapse, triggered by: manual, alarm input, motion detection
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, motion in a defined area, related to face recognition

BACKUP

Backup Methods	USB port (HDD or Flash memory), network
Backup File Format	AVI, RPAS (player included)

STORAGE

Internal Storage	available mount: 4 x HDD 3.5" 14 TB SATA
Total Internal Capacity	56 TB

ALARM

Internal Alarm Input/Output	16/4 relay type
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

INTELLIGENT IMAGE ANALYSIS

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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, Analysis of Recognized Number Plate Numbers (LPR)

NETWORK

Network Interface	1 x Ethernet - RJ-45 interface, 10/100/1000 Mbit/s • 16 x Ethernet PoE - RJ-45 interface, 10/100 Mbit/s with Extended mode
Network Protocols Support	HTTP, TCP/IP, IPv4, HTTPS, FTP, DHCP, DNS, DDNS, NTP, RTSP, UPnP, SNMP, SMTP, P2P, HTML5
ONVIF Protocol Support	Profile S (ONVIF 2.2 or higher)
PC/MAC Software	NMS, Internet Explorer, Firefox, Chrome, Opera, N Control 6000, Edge/Safari, N Control 6000
Mobile applications	SuperLive Plus (iPhone, Android)
Number of Simultaneous Connections	up to 10 clients, up to 36 main streams or 128 substreams or 16 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 2.0, 1 x USB 3.0

OPERATING SYSTEM

Operating System	Linux
Operation Mode	triplex
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

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) + 246 W PoE
Operating Temperature	-10°C ~ 50°C
RACK Mount 19"	2U

In order to take full advantage of the recorder capabilities it is recommended to use NOVUS IP 6000 series cameras.
The availability of individual functions (including face recognition) depends on the model of cameras used as well as the software version of the recorder and cameras.
In order to create face recognition system please deploy 6000 series cameras with "F" in the model name only.
Detailed data on camera compatibility with recorders and compatible hard drives can be found in the compatibility tables available in the DOWNLOADABLE FILES tab.