NOVUS

IP Recorder
NVR-6232-H2/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 | 192 Mb/s Stream | ×2 Monitor | ×2 HDD

800 fps REC

- Video and audio channels: 32, with face recognition : 16
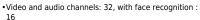- Supported protocols: ONVIF, RTSP
- Recording speed up to 800 fps at 3840 x 2160
- Recorded stream size: 192 Mb/s in total from all cameras
- Internal HDDs mount: 2
- Monitor outputs: 2 (HDMI (4K UltraHD), VGA)
- RACK mount
- Face recognition (in 16 chanels mode)

DIMENSIONS

53 mm
380 mm
268 mm

VIDEO

IP Cameras	up to 32 channels at 3840 x 2160 resolution (video + audio) • up to 16 channels at 3840 x 2160 resolution with face recognition on (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 VGA, 1 x HDMI (4K UltraHD) (up to 2 monitors simultaneously)
Dualstreaming Support	yes
Fisheye Support	yes, 6000 IP series cameras

AUDIO

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

RECORDING

Recording Speed	800 fps (32 x 25 fps for 3840 x 2160) • 400 fps (16 x 25 fps for 3840 x 2160) with face recognition on
Stream Size	192 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	800 fps (32 x 25 fps) • 400 kl/s (32 x 25 kl/s) with face recognition on

PLAYBACK

Playback Speed	400 fps (16 x 25 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: 2 x HDD 3.5" 10 TB SATA
Total Internal Capacity	20 TB

ALARM

Internal Alarm Input/Output	8/4 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, recording activation, PTZ

INTELLIGENT IMAGE ANALYSIS

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
Network Protocols Support	HTTP, TCP/IP, IPv4/v6, 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 128 clients, up to 36 main streams or 128 substreams or 16 playback streams in total
Bandwidth	192 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)	380 (W) x 53 (H) x 268 (D)
Weight	1.5 kg (without HDD)
Power Supply	12 VDC (100 ~ 240 VAC/12 VDC PSU in-set included)
Power Consumption	40 W (with 2 HDDs)
Operating Temperature	-10°C ~ 50°C
RACK Mount 19"	1U

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.