NOVUS

IP Recorder
NVR-3408POE

6000 VSS IP

FUNCTIONS

54 Mb/s Stream | x8 V+A | 240 fps ● REC | x3 Monitor

x1 HDD

COMPLIANCE

ONVIF
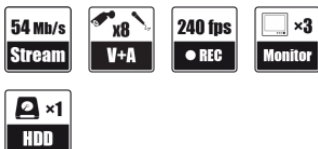
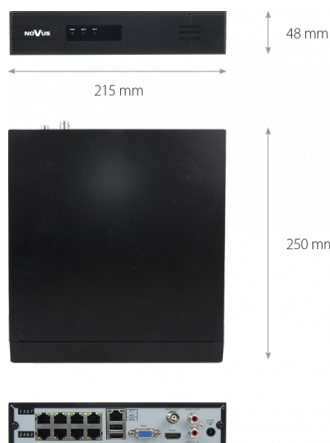## KEY FEATURES

- 8 x PoE Ethernet ports
- 8 x video and audio channels
- Recording speed up to 240 fps at 2048 x 1536
- Supports resolution up to 2048 x 1536
- Recorded stream size: 54 Mb/s in total from all cameras
- 1 x internal place for HDD mounting
- 3 x monitor outputs (HDMI, VGA, BNC)
- Intelligent image analysis

DIMENSIONS

48 mm
215 mm
250 mm

Video	
Maximum Supported Camera Resolution	2048 x 1536
Compression	H.264
Monitor Output	main (split screen, full screen, sequence): 1 x HDMI, 1 x VGA, 1 x BNC (up to 3 monitors simultaneously)
Dualstreaming Support	yes*
Audio	
Audio Input/Output	- / 1 x line-out (RCA)
Recording	
Recording Speed	240 fps (8 x 30 fps for 1280 x 720), 240 fps (8 x 30 fps for 1920 x 1080), 240 fps (8 x 30 fps for 2048 x 1536)
Stream Size	54 Mb/s in total from all cameras
Recording Mode	continuous, triggered by: motion detection, perimeter intrusion detection
Schedule	individual settings for: each camera, each day of the week, configuration with an accuracy of: 1 min, possibility of combining individual recording modes
Prealarm/Postalarm	up to 32 MB/do 300 s
Display	
Display Speed	240 fps (8 x 30 fps)**/***
Playback	
Playback Speed	240 fps (8 x 30 fps for 1280 x 720), 120 fps (4 x 30 fps for 1920 x 1080), 30 fps (1 x 30 fps for 2048 x 1536)
Recorded Data Search	by date/time, image analysis events
Backup	
Backup Methods	USB port (HDD or Flash memory), network, cloud storage
Backup File Format	AVI, DAV
Storage	
Internal Storage	available mount: 1 x HDD 3.5" 6 TB SATA
Total Internal Capacity	6 TB
Alarm	
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, screen message, recording activation, PTZ, cloud storage
Intelligent image analysis	
Perimeter intrusion detection	2 channels ****
Face detection	1 channel ****
Network	
Network Interface	1 x Ethernet - RJ-45 interface, 10/100/1000 Mbit/s 8 x Ethernet PoE (IEEE802.3af, Class 3) - RJ-45 interface, 10/100 Mbit/s
Network Protocols Support	HTTP, TCP/IP, IPv4, UDP, FTP, DHCP, DNS, DDNS, NTP, UPnP, SMTP
PC/MAC Software	Internet Explorer, Firefox, Chrome/-
Mobile applications	VSS Mobile (iPhone, Android)
Number of Simultaneous Connections	up to 10 clients
Bandwidth	26 Mb/s in total to all client workstations - with image analysis 45 Mb/s in total to all client workstations - without image analysis
PTZ	
PTZ Functions	pan/tilt/zoom, preset commands*
Auxiliary Interfaces	
USB Ports	2 x USB 2.0
Operating system	
Operating System	Linux
Operation Mode	triplex
OSD	languages: Polish, English, Russian, others
Control	PC mouse (in-set included), network
System Diagnostic	automatic control of: HDDs, network, camera connection loss
Security	password protection, IP filtering
Installation parameters	
Dimensions (mm)	215 (W) x 48 (H) x 235 (D)
Weight	1.5 kg (without HDD)
Power Supply	48 VDC (100 ~ 240 VAC/48 VDC PSU in-set included)
Power Consumption	20 W (with 1 HDD) + 70 W PoE
Operating Temperature	-10°C ~ 55°C

*Function capability depends on used camera, for details please check the compatibility list.
** For BNC output speed may be lower.
*** Available with dual streaming mode.
**** The "Perimeter intrusion detection" and "Face Detection" cannot run simultaneously.
***** List of compatible HDD models and maximum of their capacities is available in section DOWNLOADABLE FILES.