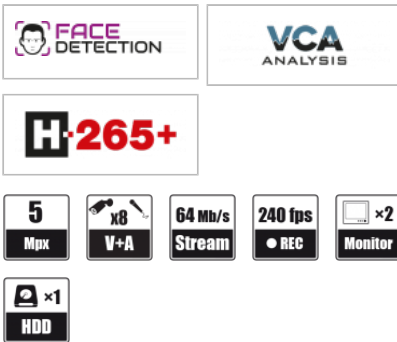


## IP Recorder NVR-4108-H1

4000 VSS IP



### KEY FEATURES



- Video and audio channels: 8
- Supported protocols: ONVIF
- Recording speed up to 240 fps at 2592 x 1944
- Recorded stream size: 64 Mb/s in total from all cameras
- Internal HDDs mount: 1
- Monitor outputs: 2 (HDMI, VGA)
- Intelligent image analysis

### DIMENSIONS



### VIDEO

IP Cameras	up to 8 channels at 2592 x 1944 resolution (video + audio)
Maximum Supported Camera Resolution	2592 x 1944
Compression	H.264, H.264+, H.265, H.265+
Monitor Output	main (split screen, full screen, sequence): 1 x HDMI, 1 x VGA (up to 2 monitors simultaneously)
Dualstreaming Support	yes

### AUDIO

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

### RECORDING

Recording Speed	240 fps (8 x 30 fps for 2592 x 1944)
Stream Size	64 Mb/s in total from all cameras
Recording Mode	time-lapse, triggered by: manual, alarm input, motion detection, intelligent image analysis functions, PIR alarm
Prealarm/Postalarm	up to 3 s/up to 600 s

### DISPLAY

Display Speed 240 fps (8 x 30 fps)

### PLAYBACK

Playback Speed	240 fps (8 x 30 fps)
Recorded Data Search	by date/time, events, image analysis events, motion in a defined area, tags

### BACKUP

Backup Methods	USB port (HDD or Flash memory), network
Backup File Format	JPG, BMP, PNG, MP4, AVI, RF

### STORAGE

Internal Storage	available mount: 1 x HDD 3.5" 8 TB SATA
Total Internal Capacity	8 TB

### ALARM

Camera Alarm Input/Output	supports IP camera's alarm input/output
System Reaction to Alarm Events	buzzer, e-mail, alarm output activation, screen message, recording activation, PTZ, Full Screen, FTP picture upload, FTP video upload, picture to Cloud, video to Cloud

### INTELLIGENT IMAGE ANALYSIS

Supported Functions	Exception, Tripwire, Zone entrance, Abandoned Object, Object Disappearance, Face Detection, Pedestrian Detection, Cross Counting, Sound detection
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**NETWORK**

Network Interface	1 x Ethernet - RJ-45 interface, 10/100 Mbit/s
Network Protocols Support	HTTP, TCP/IP, IPv4, HTTPS, FTP, DHCP, DNS, DDNS, NTP, RTSP, UPnP, SNMP, SMTP, P2P
PC/MAC Software	NMS, Internet Explorer, NHDR-5000 Viewer/NHDR-5000 Viewer
Mobile applications	RxCamView (iPhone, Android)
Number of Simultaneous Connections	up to 40 clients
Bandwidth	48 Mb/s in total to all client workstations

**PTZ**

PTZ Functions	pan/tilt/zoom, preset commands, patterns
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**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

**INSTALLATION PARAMETERS**

Dimensions (mm)	300 (W) x 53 (H) x 227 (D)
Weight	1.1 kg (without HDD)
Power Supply	12 VDC (100 ~ 240 VAC/12 VDC PSU in-set included)
Power Consumption	20 W (with 1 HDD)
Operating Temperature	-10°C ~ 55°C

*Intelligent image analysis, dualstream mode, PTZ control, motion detection and alarm inputs / outputs functions depends on the functionality of the camera and the capabilities of the communication protocol. The recorder is dedicated to work with Novus 2000 and 4000 series IP cameras and achieves the best functionality with them. Detailed data on camera compatibility with recorders and compatible hard drives can be found in the compatibility tables available in the DOWNLOADABLE FILES tab. Display and playback speeds are achieved using dual stream.*