



IP Recorder

NVR-4108-H1



4000 VSS
IP

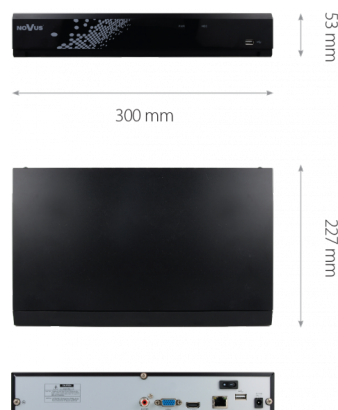
FUNCTIONS



KEY FEATURES

- 8 x video and audio channels
- Recording speed up to 240 fps at 2592 x 1944
- Recorded stream size: 64 Mb/s in total from all cameras
- 1 x internal place for HDD mounting
- 2 x monitor outputs (HDMI, VGA)
- Intelligent image analysis

DIMENSIONS



The recorder is dedicated to work with NOVUS 4000 series IP cameras. Detailed data can be found in the compatibility table available in the **DOWNLOADABLE FILES** tab.

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	continuous, 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
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	NOVUS MANAGEMENT SYSTEM ACS, NMS, Internet Explorer, NHDR-5000 Viewer, N Control 4000/NHDR-5000 Viewer, N Control 4000
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
Auxiliary Interfaces	
USB Ports	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
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

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 4000 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.